4/25/2006

Applications for the following projects are currently being reviewed for consideration of Water Quality Certification under Section 401 of the Clean Water Act. If you wish to be informed of the status and/or final certification action on any of these projects and/or for further information, please contact Valerie Carrillo at (213) 576-6759.

We encourage public input during the certification process. Comments on any of these projects may be submitted in writing to:

Los Angeles Regional Water Quality Control Board 320 W. 4th Street, Suite 200 Los Angeles, CA 90013 Attn: Nonpoint Source Unit

03-172 File No

**Project Proponent:** Sage Community Group

Hardy Strozier, The Planning Associates Agent:

Project Name: Triangle Ranch **Receiving Water:** Medea Creek

Agoura Hills/ Los Angeles City/County:

**Project Status:** pending receipt of complete application

**Public Notice:** 11/13/03 to present

Project Description: The proposed development will consist of 81 lots on approximately 64 acres of the 320-acre property.

The remaining 256 acres will be undistributed and dedicated as open space. The preserved open space consists mainly of steep rockland and dense chaparral slopes, sparse non-native grasslands, coastal sage scrub, and high quality willow riparian habitat adjacent to Medea Creek. A portion of the proposed project (area 2) is located within the Las Virgenes Significant Ecological Area (SEA) as defined by the Los Angeles County Significant Ecological Area Technical Advisory Committee (SEATAC). The applicant has completed a Biota Report in accordance with the SEATAC requirements which will be incorporated into the Environmental Impact Report for the project. The proposed development would impact approximately 0.11 acres of jurisdictional waters of the United States within several tributaries to Medea Creek. There will be no impacts to wetland areas. EIR not yet certified.

Valerie Carrillo Staff

File No 04-030

United States Army Corps of Engineers Project Proponent:

Agent: Carvel Bass

**Project Name:** Maintenance Dredging at Sepulveda and Hansen Dams

Los Angeles River and Tujunga Wash **Receiving Water:** City/County: Encino and Lakeview Terrace/Los Angeles pending receipt of complete application **Project Status:** 

**Public Notice:** 2/9/04 to present

The purpose of the proposed project is to remove shoaled sediment and some vegetation from upstream **Project Description:** 

> dam gates. Hand clearing of woody vegetation would take place at Hansen Dam. Project activities include: (1) Removing shoaled materials (sediments and sparse vegetation) from grouted stone invert/riverbed by excavator and truck; (2) De-water removed materials on level dry land at least 100

yards from the channel; and (3) Remove materials to an approved location (recycle or landfill).

Staff Valerie Carrillo

File No 04-083

**Project Proponent:** Casitas Municipal Water District Casitas Municipal Water District Agent:

Drainage Maintenance Project Name:

Receiving Water: Ayers Creek & Unnamed drainages that feed Lake Casitas.

City/County: Casitas Springs/Oak View/ Ventura pending receipt of complete application **Project Status:** 

**Public Notice:** 5/5/04 to present Project Description: Maintain existing road culverts, small debris basins and related drainages. Remove accumulated

sediment and debris from existing culverts and drains on an as needed basis. Removed sediment &

debris will be placed in upland locations.

Staff Parvaneh Khayat

File No 04-083

Project Proponent: Casitas Municipal Water District
Agent: Casitas Municipal Water District

Project Name: Drainage Maintenance

Receiving Water: Ayers Creek & Unnamed drainages that feed Lake Casitas.

City/County: Casitas Springs/Oak View/ Ventura

Project Status: pending receipt of complete application

Public Notice: 5/5/04 to present

Project Description: Maintain existing road culverts, small debris basins and related drainages. Remove accumulated

sediment and debris from existing culverts and drains on an as needed basis. Removed sediment &

debris will be placed in upland locations.

Staff Valerie Carrillo

File No 04-092

Project Proponent: Pardee Homes

Agent: Glen Lukos Associates, Inc.

Project Name: Amendment to File Number 03-170 for the Fair Oaks Ranch Detention Basin Maintenance Project

Receiving Water:

City/County:

Project Status:

Public Notice: 5/11/04 to present

**Project Description:** 

Staff Valerie Carrillo

**File No** 04-077

Project Proponent: RBF Consulting Agent: Richard Beck

Project Name: Diamond Bar Tract 53430

**Receiving Water:** 

City/County: Diamond Bar/ Los Angeles

Project Status: pending receipt of complete application

Public Notice: 5/18/04 to present

**Project Description:** The proposed project site is located in the Puente Hills portion of the City of Diamond bar and in

unincorporated Los Angeles County, California. The project site is located south of Steeplechase lane, east of Wagon Train lane, and west of Blaze Trail/Horizontal Lane. There is low density, single family housing in the west, north, and east of the project site. The proposed project involves the development of 48 lots for custom residential housing in the County Estates community in the City of Diamond Bar, California. Missing Items:Completed application form, initial fee of \$500, copy of final CEQA

document, copy of 404 permit application, detailed Compensatory Mitigation Plan, and copy of

Streambed Alteration Agreement (draft or final).

Staff Valerie Carrillo

**File No** 98-111

Project Proponent: SunCal Companies

Agent: Vandermost Consulting Services

Project Name: Northlake Development

Receiving Water: Castaic Lake

City/County: Castaic/ Los Angeles
Project Status: pending review

Public Notice: 6/1/04 to present

Project Description: The Northlake project consists of approximately 1,330 acres of single and multi-family homes,

commercial development, light industrial development, schools, parks, and open space. The proposed project is consistent with the Northlake Specific Plan, which was adopted by the County of Los Angeles in 1992. Please note that the previous Genstar proposal included an 18-hole golf course located outside the Specific Plan boundary, in Castaic Lake recreation area to the east. SunCal is proposing to confine development activities to the footprint of the approved 1992 Specific Plan area, thereby eliminating the golf course from the project description and the need for offsite land in the Castaic Lake recreation area. The impacts associated with this project are 1.41 permanent acres of jurisdictional wetland and 5.62

acres of vegetated stream area.

Staff Valerie Carrillo

**File No** 04-106

Project Proponent: City of Fillmore

Agent: Larry Lodwick, Impact Sciences

Project Name: Riverwalk Levee Maintenance Program

Receiving Water: Santa Clara River
City/County: Fillmore/ Ventura

Project Status: pending receipt of complete application

Public Notice: 6/23/04 to present

**Project Description:** The proposed project consists of the following:

- Maintain the riparian habitat for the Least Bell's Vireo and Southerwestern Willow Flycatcher.

- Maintain the quality of habitat by removal of non-native vegetation.

- Maintain the soil covering over the soil cement levee so the concrete face of the levee will not be

exposed and vegetation can be replanted when washed away.

Removal of non-native vegetation will occur at least three times per year. Irrigation of vegetation will only occur as necessary to assure permanent establishment and soil covering. Maintenance will occur only

after erosion or major stream flows.

Staff Valerie Carrillo

**File No** 04-110

Project Proponent: Watt Enterprises

Agent: Ryan Watt

Project Name: Tract 48230 Acton

Receiving Water: Unnamed dry desert wash

City/County: Acton/ Los Angeles

Project Status: pending receipt of complete application

Public Notice: 6/28/04 to present

**Project Description:** The purpose of this project is to create a box culvert to provide vehicular access to residential

subdivisions. The project applicant will be developing low-density rural residential units on 160 acres

near the community of Acton, Los Angeles County.

Staff Parvaneh Khayat

**File No** 04-110

Project Proponent: Watt Enterprises
Agent: Ryan Watt
Project Name: Tract 48230 Acton

Receiving Water: Unnamed dry desert wash

City/County: Acton/ Los Angeles

Project Status: pending receipt of complete application

Public Notice: 6/28/04 to present

Project Description: The purpose of this project is to create a box culvert to provide vehicular access to residential

subdivisions. The project applicant will be developing low-density rural residential units on 160 acres

near the community of Acton, Los Angeles County.

File No 04-120

**Project Proponent:** California Department of Transportation, District 7

Agent: Erika Gallo

**Proiect Name:** Vegetation and Sediment Removal at Baldwin Park Boulevard

**Receiving Water:** San Gabriel River

City/County: Baldwin Park/ Los Angeles

**Project Status:** pending receipt of complete application

**Public Notice:** 7/15/04 to present

**Project Description:** Purpose: Clear vegetation, de-water, debris removal as standing water is creating a mosquito problem.

> Description: The proposed maintenance is to take place at the channel located along the Baldwin Park Boulevard on-ramp to the westbound San Bernardino Freeway (I-10) in Baldwin Park, Los Angeles County. The anticipated work to take place is removal of vegetation and de-watering of the channel. The impacted area includes 0.08 acres of sedges and cattails. The channel that will be cut will be approximately 365 feet long (from one culvert outlet to the downstream culvert inlet). The width of the

channel is 10 feet.

Staff Valerie Carrillo

File No 04-131

Project Proponent: **New Millennium Homes** Agent: Mountains Restoration Trust **Project Name:** New Millennium Trails Project

**Receiving Water:** Unnamed ephemeral drainages to Las Virgenes Creek, Stokes Canyon Creek, and McCoy Creek

City/County: Calabasas/ Los Angeles **Project Status:** application deemed complete

**Public Notice:** 7/26/04 to present

**Project Description:** The construction of these crossings is necessary to protect drainages as well as trails against gradual

erosion by hikers, bikers, equestrian users, and flow during storm events.

The Santa Monica Mountains Conservancy and New Millennium Homes has approved the currently proposed trail alignment. Eventually the Conservancy land will be turned over to the National Park

Service for administration of the land and trails.

The trail is located on old rangeland and will cross 31 ephemeral drainages. The majority of the crossings are reinforced pedestrian crossings with two culvert crossings and one free span bridge proposed. Work is expected to be completed by December 2004, pending all approvals are received and construction may begin during the Summer of 2004. The total amount of permanent impacted area is

0.003 acres.

Staff Valerie Carrillo

File No 04-135

**Project Proponent:** Naval Base Coronado

Agent: EDAW. Inc.

Project Name: Military Construction Project P-493 Operational Access to Shore Bombardment Area (SHOBA)

**Receiving Water:** Pacific Ocean. San Clemente Island City/County: San Clemente Island/ Los Angeles **Project Status:** pending receipt of complete application

**Public Notice:** 8/5/04 to present **Project Description:** 

The purpose of the Proposed Action is to improve training and provide safe, all-weather, operational access on San Clemente Island (SCI) for the transport of explosive ordnance, electronic equipment, emergency response and tracked vehicles, and personnel to locations throughout the island, while avoiding sensitive natural and cultural resources.

The need for the proposed project is to safeguard personnel, minimize vehicle damage, and improve emergency response. Use of the deteriorating roadways over the last 10 years has caused extensive damage to vehicles and equipment, as well as injury and death of personnel. Current conditions compromise safety and limit or prevent road access, due to severe potholes, erosion, and slope failures, including mudslides. Limited road access potentially affects many areas of the island including access to the following: water tanks; aviation, electronic, and communication facilities; maintenance of a windmill farm used for energy production; the monitoring and management area supporting specific Endangered Species Act and cultural resources; SHOBA training area; and Sea, Air, and Land (SEAL). Access limitations also potentially impact access for force protection and security patrol capabilities, access by fire trucks, and natural and cultural resources adjacent to Ridge Road. The project would address unauthorized vehicles detours around impassable roads.

Staff Valerie Carrillo

**File No** 04-138

Project Proponent: Los Angeles County Department of Public Works

Agent:

Project Name: San Gabriel River Trash Net

Receiving Water: San Gabriel River

City/County: Long Beach/ Los Angeles

Project Status: pending review

Public Notice: 8/19/04 to present

**Project Description:** The purpose of the purposed project is to collect the floating trash on the San Gabrie Riverl with a trash

net. Public Works is proposing to install a net across the San Gabriel River to capture and remove floating debris and litter. The approximately 440-foot long trash net will extend diagonally across the flood control channel immediately upstream of the Westminster Avenue Bridge. The net will be attached to a floating boom that will be held in place by a steel cable that is anchored to the bridge and a post in the west bank. The anchoring system will consist of two 8" diameter posts and a 45-foot steel anchor

buried in the western channel levee above the high watermark.

Floating trash and debris will be diverted to the east side of the channel where the material will be removed by mechanical equipment temporarily stationed on the existing maintenance road. The project will have an immediate beneficial impact to the water quality of the downstream beaches and coastal

communities.

Staff Valerie Carrillo

**File No** 04-189

Project Proponent: California State Department of Transportation

Agent: Jennifer Leung

Project Name: Route 210 at San Gabriel River Bridge

**Receiving Water:** 

City/County: Irwindale/ Los Angeles

Project Status:

Public Notice: 10/7/04 to present

**Project Description:** 

Staff Valerie Carrillo

**File No** 04-172

Project Proponent: Calleguas Municipal Water District, Kristine McCaffrey

Agent: Padre Associates, Inc. - Matt Ingamells

Project Name: Calleguas Regional Salinity Management Program - Phase 1C

Receiving Water: Oxnard Drain, tributary to Mugu Lagoon

City/County: Oxnard/ Ventura

Project Status: pending receipt of complete application

Public Notice: 10/18/04 to present

**Project Description:** 

The Calleguas Municipal Water District has developed the Calleguas Regional Salinity Management Program (Brine Line) to improve the water quality and management of groundwater and surface water resources. The Program includes a pipeline system to transport wastewater and brine concentrate to an existing outfall for ocean disposal. Over time, the Program would result in a net reduction in the salinity of surface water and groundwater within the Calleguas Creek watershed. The subject of this permit application is Phase 1C of the project, which includes a new pipeline from the Hueneme Road/Arnold Road intersection to the existing Reliant Energy outfall, and a flow control facility to control flows into the outfall.

Phase 1C of the Regional Salinity Management Program consists of a 10,000 foot-long brine pipeline, a flow control facility, two outfall pipelines and an access road. The Phase 1C pipeline would connect to the existing pipeline at the Hueneme Road/Arnold Road intersection. The proposed Flow Control Facility would control and direct flow from the proposed pipeline into one of two proposed outfall pipelines, connecting the proposed Facility to two existing 14-foot diameter ocean outfall pipelines used to discharge cooling water from the Ormond Beach Power Plant. Two proposed pipelines would link the Flow Control Facility to each of the two ocean outfalls from the ocean to the Power Plant, and the second outfall typically discharges flow from the condensers back to the ocean, although flows are occasionally reversed. A permanent access road would be constructed from Edison Drive to the Flow Control Facility.

Staff Valerie Carrillo

**File No** 04-182

Project Proponent: Ojai Valley Sanitary District

Agent: Ronald Sheets

Project Name: Canada Larga Creek Crossing Protection Project

Receiving Water: Canada Larga Creek
City/County: Ventura/ Ventura

**Project Status:** pending receipt of complete application

Public Notice: 11/4/04 to present

Project Description: The purpose of the project is to prevent a sewage spill by reinforcing an existing concrete encased

sewer line across Canada Larga Creek that has become undermined due to erosion.

The project will place 12-14 ton quarry rock by the crane downstream of existing concrete encasement to fill scour zone and serve as energy dissipater and place approximately 1 yard of cobble rock by hand

in voids under the encasement to help deposition of bed load materials.

Staff Valerie Carrillo

**File No** 04-187

Project Proponent: Ventura County Watershed Protection District

Agent: Tom Lagier

Project Name: Ventura County Routine Flood Maintenance Program

Receiving Water: All waters within Ventura County

City/County:

**Project Status:** pending receipt of complete application

Public Notice: 11/4/04 to present

**Project Description:** The purpose of this project is to maintain the proper operation of the District's flood control facilities.

Maintenance preserves the appropriate conveyance capacity of the facility and prevents the accumulation of obstructing vegetation and sediments that could increase existing flood hazards. Maintenance reduces or prevents flooding hazards that may result in damage to life, and public property and infrastructure. Maintenance will involve removal of sediment and vegetation that reduce conveyance

capacity of flood control channels and reduce storage of debris basins.

File No 04-188

**Project Proponent:** U.S. Army Corps of Engineers, Los Angeles District

Agent: Rev Farve

**Proiect Name:** Matilija Dam Feasibility Study

Receiving Water: Matilija Creek, tributary to the Ventura River

City/County:

Staff

**Project Status:** pending receipt of complete application

**Public Notice:** 11/10/04 to present

**Project Description:** The purpose of this project is to investigate options for the ecological restoration of Matilija Creek and

> Ventua River, with particular attention focused on restoring anadromous fish populations on Matilija Creek and returning natural sand replenishment to Ventura and other southern California beaches. Expect to improve aquatic and terrestrial habitat and access to habitat along Matilija Creek and the Ventura River to benefit fish and wildlife species, including the endangered southern California steelhead. Restore the hydrologic and sediment transport regime to support downstream coastal beach

> sand replenishment conditions. Enhance recreational opportunities along Mitilija Creek and the downstream Venture River system. It should be noted, the Corps is limited in their ability to participate in

recreational opportunities, and recreation benefits do not influence project formulation.

Valerie Carrillo

04-193 File No

**Project Proponent:** Los Angeles County Department of Public Works

Agent: Jere Harper

Will Rogers State Beach - Coastline Improvements **Project Name:** 

**Receiving Water:** Pacific Ocean

City/County: Los Angeles/Los Angeles

**Project Status:** pending receipt of complete application

**Public Notice:** 11/16/04 to present

**Project Description:** The purpose of this project is to rehabilitate the existing 1.90 acre section of Will Rogers State Beach

shoreline slope and bluff top that is in disrepair from prior use of the site for a restaurant destroyed by fire and deteriorated asphalt parking area. Conversion of bluff top area for public shoreline access.

Staff Valerie Carrillo

File No 04-204

**Project Proponent:** County of Los Angeles Department of Beaches and Harbors

Agent: P & D Environmental

**Project Name:** Marina Del Rey Water Quality Improvement Project

Receiving Water: Marina Del Rey, Basin D City/County: Marina del Rey/ Los Angeles

**Project Status:** pending review 12/8/04 **Public Notice:** to present

**Project Description:** The purpose of this project is to reduce or eliminate chronic bacterial contamination at Marina Beach and

provide ADA-compliant dock facilities.

The project entails the installation of a replacement dock and two water circulators within Basin D, which should reduce high concentrations of pollutants. This installation will impact 0.05 permanent acres of

ocean habitat.

Valerie Carrillo Staff

File No 04-206

**Project Proponent:** Pepperdine University Agent: **Envicom Corporation** 

**Project Name:** The Pepperdine University Soccer Field Project Receiving Water: Marie Canyon Debris Basin, tributary to Pacific Ocean

City/County: Malibu/ Los Angeles **Project Status:** pending review **Public Notice:** 12/13/04 to present Project Description: The purpose of this project is to relocate the Marie Canyon Debris Basin in order to construct a soccer

field with permanent bleachers and associated facilities that would replace the existing substandard

facilities currently utilized by the University's student athletes.

The debris basin will be replaced with two debris basins located elsewhere in Marie Canyon. A total of

0.358 permanent acres of wetlands and 0.324 permanent acres of vegetated streambed will be

impacted.

Staff Valerie Carrillo

**File No** 04-210

Project Proponent: County of Los Angeles Department of Public Works

Agent: John Merrifield

Project Name: Big Tujunga Canyon Road at Mile Marker 4.34

Receiving Water: Vogel Canyon, tributary to Tujunga Wash

City/County: Angeles National Forest/ Los Angeles

Project Status: pending review

Public Notice: 12/29/04 to present

**Project Description:** The purpose of this project is to repair and extend the damaged apron and clear obstructing vegetation.

The project is located beneath the Big Tujunga Canyon Road at Mile Marker 4.34. The 75 foot apron will be repaired for damages. An area of 0.034 acres of scattered vegetation will be cleared. The project will

impact approximately 0.046 acres of permanent streambed area.

Staff Valerie Carrillo

File No 05-002

Project Proponent: Frawley Corporation
Agent: Dennis Gootrad

**Project Name:** Drainage Rip-Rap Dissipation - Lobo Canyon, Agoura Lobo Canyon Creek , tributary to the Pacific Ocean

City/County: Agoura/ Ventura

Project Status: pending review

Public Notice: 1/4/05 to present

Project Description: The purpose of the project is to build a single-family residence located at 31900 Lobo Canyon Road, in

the city of Agoura.

Staff Dana Cole

**File No** 05-012

Project Proponent: Centex Homes

Agent: Michael Cady, Land Design Consultants, Inc.

Project Name: Tract 5377, Housing Development Thousand Oaks

Receiving Water: Tributary to Arroyo Conejo leading to Conejo Creek

City/County: Newbury Park/ Ventura

Project Status: pending receipt of complete application

Public Notice: 1/14/05 to present

Project Description: Purpose: The purpose of the proposed project is to build 82 single family detached subdivisions and

open space areas on a 14.36 acre site in the City of Thousand Oaks.

Description: Total project use would occur on 10.7 acres of the site while remaining 3.66 acres will be proposed as open space areas and brush clearance area. The project will impact 1.369 permanent

acres of vegetated streambed due to site grading for pads and infrastructure improvements.

Project Proponent: City of Calabasas

Agent: Sydney Temple, Questa Engineering Company

Project Name: Las Virgenes Creek Restoration Project
Receiving Water: Malibu Creek tributary to Pacific Ocean

City/County: Calabasas/ Los Angeles

Project Status: application deemed complete

Public Notice: 1/18/05 to present

Project Description: Purpose: The project will remove 500 feet of concrete lined channel and replace it with a natural bed

stream and extensive native riparian plantings.

Description: In 1977, a trapezoidal concrete channel lining with a 45-foot bottom width was constructed in the Las Virgenes Creek between Route 101 and the Agoura Road Bridge, disrupting the wildlife corridor between the Baldwin Open Space and Malibu Creek State Park. The concrete channel is to be removed by the program called the Las Virgenes Creek Restoration Project. This project places priority on the viable habitat and wildlife connectivity so as to enable the City to implement the best restoration strategy suitable for this area that can meet the stated project goals while still providing adequate flood and erosion control. The restoration project will also include a river-walk setting to facilitate pedestrian

access and community enjoyment.

Staff Dana Cole

File No 05-010

Project Proponent: Ventura County Watershed Protection District

Agent: Theresa Stevens

Project Name: Various RGP 63 Complete Emergency Flood Control & Protection Projects

Receiving Water:

City/County: Ventura/ Ventura

Project Status: pending review

Public Notice: 1/21/05 to present

Project Description: RGP 63

Ventura Area

Canada Larga: Sediment D/S of Freeway 33 Dent Debris Basin: Sediment percent unknown

Ventura River: Side drains plugged; Lower road u/s end - eroded

Canada de San Joaquin: Eroded slope u/s end

Casitas Springs Area

Fresno Canyon: Sediment 100% Full

Live Oak Dam: Debris

Parkview: Plugged at inlet / Pipe probably full

Ventura River: Upstream of Santa Ana Road / Riprap bank protection and road damage, also sediment

u/s, in box and downstream

Ojai Area

McDonald Canyon Dam: O.K.

McDonald Canyon Outlet: Downstream of Rice Road - eroded

Stewart Debris Basin: Water percent unknown

Thacher Creek: Material eroded away behind revetment walls d/s of bridges

Fox: Low flow plugged

Live Oak Debris Basin: "V-Ditch" erosion

Santa Paula Area

Adams Channel: Sediment Plug at Diversion pipe to mitigation area

Adams Debris Basin: 95% Full

Fagan Canyon: Trees & debris at basin spillway / could plug it. (Removed 1/13/05) Erosion u/s & d/s

Hwy 26; Damaged rip rap below basin Willard Road Drain: Some minor bank erosion

Santa Paula Creek: Sediment & Erosion u/s Santa Clara River both banks

Oxnard Area

Doris Drain: Eroded slopes, debris at track rack

Revolon Slough: at Wood Road (Beginning of liner upstream) Sediment

Side Drain 1-A (Santa Clara River Levee): Sediment, pipe nearly full at hill / turn; downed trees

Ventura Area

Arundell Debris Basin: Percent Unknow

Brown Barranca: (Project pending) D/S of Telephone Road getting worse

Franklin Debris Basin: 95 % Full

Franklin Barranca: Sediment d/s Hwy 126; Eroded slope u/s & d/s Telegraph Rd Wasson Barranca: Sediment u/s & d/s of Hwy 126; Bank erosion d/s Telegraph Rd

Harmon Barranca: Erosion u/s & d/s Telegraph Rd; Underground needs inspection; Erosion of service

road (6 sites); Rip rap damaged u/s Eisenhower

Santa Clara River: Groins missing? Bank erosion at various sites

Franklin Barranca: Erosion and slides u/s Hwy 126

Sudden Barranca: Erosion and slides on banks u/s Santa Clara River

Arundell Barranca: Erosion and slides Barlow Barranca: Erosion and slides

Piru Area

Piru Storage site: More of it gone - Erode slope shows old dump

Real Debris Basin: 90 percent full

Real Channel: 3 to 4 feet of sediment u/s Hwy 126 and d/s to river. Erosion d/s Howe Road

Warring Debris Basin: Full

Warring Channel: Trapezoidal wall gone, approx. 80'-100'

Fillmore Area

Bardsdale Ditch: Lower end at curve gone.

Cavin Debris Basin: 50% Full; Sediment d/s Hwy 126 to river

Basolo Ditch: 4 ft sediment and lower end GONE!

Pole Creek: Sespe St. to Hwy 126 and Hwy 126 to Santa Clara River / ON IT.

Jepson Debris Basin: 95% Full

Jepson Wash: Erosion d/s of Grand Ave.

Keefe Ditch: 4'-6' sediment d/s Grand Ave. to River, water diverted into ranch; rip rap damaged

Grimes Canyon Wash: On It (O & M repair)

Santa Clara River Levee u/s Bardsdale Ditch: Rip rap gone (300'x50'x50')

Sespe Levee: u/s of levee; riprap slope broke and displaced.

South Mountain Road Groins: Road Closed; d/s end of service road gone, grouted rip rap gone.

Staff Valerie Carrillo

**File No** 05-011

Project Proponent: Port of Los Angeles

Agent: Bob Zmuda, Port of Los Angeles
Project Name: Berth 100 South Wharf Extension

Receiving Water: Main Channel Turning Basin, Port of Los Angeles

City/County: Los Angeles / Los Angeles

**Project Status:** pending receipt of complete application

Public Notice: 1/21/05 to present

Project Description: Purpose: The purpose of the proposed project is to extend an existing wharf by approximately 376' as

part of a terminal expansion.

Description: The project will construct a 376' concrete container wharf. The project will impact 1.2

permanent acres of ocean.

Staff Valerie Carrillo

**File No** 05-016

Project Proponent: Operations Branch, USACE

Agent: Carvel Bass

Project Name: Minor Maintenance Dredging at Sepulveda Operations Area

Receiving Water: Los Angeles River
City/County: Encino/ Los Angeles
Project Status: pending review
Public Notice: 1/24/05 to present

Project Description: Purpose: The purpose of this project is to conduct annual maintenance dredging to order to remove

shoaled sediment and vegetation from upstream dam gates.

Description: Shoaled materials will be removed from grouted stone invert/riverbed. Dry land will be de-watered at least 100 yards from the channel. This will cause no impacts to surrounding areas.

Staff Dana Cole

File No 05-014

Project Proponent: City of Santa Clarita

Agent: Louis Courtois, Aquatic Consulting Services, Inc.

Project Name: Sierra Highway Bridge Replacement

Receiving Water: Unnamed soft-bottom drainage channel tributary to the Santa Clara River

City/County: Santa Clarita/ Los Angeles

Project Status: pending review
Public Notice: 1/26/05 to present

Project Description: Purpose: The purpose of this project is to rehabilitate the Sierra Highway Bridge spanning the Union

Pacific Railroad tracks.

Description: The project will construct a replacement structure that would eliminate the gap between the

two existing bridge structures. The project will temporarily impact 0.04 acres of streambed habitat.

Project Proponent: County of Los Angeles, Department of Public Works

Agent: Ms. Jemellee Quintana-Cruz

Project Name: Emergency Repair Work at Sierra Madre Villa DB

Receiving Water:Pasadena Glen/Hastings CynCity/County:Pasadena/ Los AngelesProject Status:application deemed complete

Public Notice: 2/9/05 to present

Project Description: Purpose:

The project proposes to restoring the access roads which is critical to maintain access into the basin, and from the basin into the adjacent Sediment Placement Site (SPS). Access to the SPS is critical to allow us to haul the materials that are removed from other debris basins with ongoing emergency cleanouts. The CMP needs to be put in place to ensure proper drainage into the basin. Repairing the berms for the infiltration basin is needed to ensure that the City of Sierra Madre can continue collecting groundwater from storm runoff for the City's use.

# Description:

Emergency repair work involves restoring the access roads, replacing the broken CMP drain pipe that conveys storm water from the canyon into the basin area, and restoring the berms that make up the adjacent infiltration basin (also part of the debris basin) that is owned /used by the City of Sierra Madre. Repair work will start by accessing the CMP drain pipes by excavating an stockpiling approximately 1500 to 2000 cubic yards of accumulated materials that have been washed out from the road and from the canyon. Once the pipe is in place, we will then use the same stockpiled materials to restore the access roads and the berms. Repair work may take approximately one month to complete, weather and

resource permitting.

Staff Valerie Carrillo

File No 05-030
Project Proponent: Shea Homes

Agent: Louis Courtois, Aquatic Consulting Services, Inc

Project Name:Sand Canyon & Dry Canyon Bed & Embankment Protection ProjectReceiving Water:Sand Canyon & Dry Canyon Drainages, tributary to Arroyo Simi

City/County: Simi Valley/ Ventura

Project Status: pending receipt of complete application

Public Notice: 2/23/05 to present

Project Description: Purpose: The purpose of the proposed project is to modify the flood control structures associated with

the current residential construction of approximately 144 single residential homes.

Description: Portions of the bed and embankment at specific locations will be covered with geotextiles fabric and concrete cut-off walls will be used to anchor the fabric. Alluvium will be placed over the fabric once it is installed and the area will be revegetated. Rock rip-rap structures and concrete retaining walls will be constructed at other locations.

The only area where rock rip-rap will be installed are immediately downstream of storm drain outlet structures located within the Sand Canyon drainage. The areas have been identified as locations D, P, and S. No mitigation will be required in the area due to the grouted rip-rap. The project will impact 1,380 square feet (0.032 acres) of rock rip-rap.

The major component of project impacts is directly related to installation of Pyramat over jurisdictional areas. The material is a geotextile that looks like "egg-crate" and provides scours protection comparable to rock rip-rap, but the porous geotextile surface allows water infiltration. The material is simply rolled down the manufactured slope, across the streambed and up the slope on the opposite bank. The ends of the material are anchored with concrete or rock. Contiguous sections of the geotextile are tied together with "zip ties" creating a blanket covering the entire area.

Once the geotextile is installed the upper "egg-crate" surface is covered with native alluvium/soils. To complete installation, the manufacture requires plants be installed through the Pyramat into the subsurface soils. Plants will anchor the geotextile into the stream as it matures. The approach allows the mitigation to be created within the defined work area and along both sides of the streambed, creating a large contiguous riparian zone. The Pyramat installation will have a total impact of 0.80 acres.

Project Proponent: Ozena Valley Ranch

Agent: Ingrid Elsel, West Coast Environmental

Project Name: Ozena Valley Ranch Bank Repair - Cuyama River

Receiving Water: Cuyama River, tributary to Bear Canyon

City/County: Lockwood Valley/ Ventura

Project Status: pending receipt of complete application

Public Notice: 3/7/05 to present

Project Description: Purpose:

The purpose of the project is to restore the portion of the north bank of the Cuyama River, running

through Ozena Valley Ranch, which was recently destroyed by high flows in the river.

Description

The project consists of repairing approximately 950 feet of the northern bank of the Cuyama River. Recent high flows in the river have destroyed the bank and exposed an agricultural stock pond. A portion of the river now flows through the pond and rejoins the main channel approximately 1000 feet downstream. When flows have receded to a workable level, an estimated 5000 cubic yards of cobble and native sediments will be used to restore the bank to its original condition and direct any flow back into the main channel. The bank will be restored to its original 15 foot height and 1:1 (h:v) grade.

Equipment to be used in the restoration effort may include an excavator, front-end loader and a small dozer.

Impacts to water quality will be minimal as the flows are receding and most of the work will be performed

in areas of low or non-existent flow. The total impacted area is 0.65 temporary acres.

Staff Valerie Carrillo

File No 05-044

Project Proponent: County of Los Angeles Department of Public Works

Agent: Dale Sakamoto

Project Name: Stokes Canyon Creek-Drop Structures

Receiving Water: Stokes Canyon Creek
City/County: Monte Nido/ Los Angeles

Project Status: pending review
Public Notice: 3/8/05 to present

Project Description: Purpose: The purpose of the project is to restore the streambed and embankment damaged by erosion

and to prevent future erosion.

Description: The project will construct two concrete drop structures and replace 850 linear feet of double

pipe and wire revetment. The project will impact 0.2 temporary acres and 0.17 permanent acres of

habitat. Dana Cole

**File No** 05-043

Project Proponent: County of Los Angeles Department of Public Works- Curtis Castle

Agent:

Staff

Project Name: Little Tujunga Canyon Road, Mile Marker 17.51

Receiving Water: Little Tujunga Canyon Creek

City/County: ANGELES NATIONAL FOREST/ Los Angeles

Project Status: pending review
Public Notice: 3/8/05 to present

Project Description: The purpose of this project is to conduct emergency repairs of approximately 60 ft by 20 ft area of

shoulder and northbound lane that failed due to high storm flows on Little Tujunga Creek.

Fill sand will be placed to recreate the should and rip rap along the edge of the streambed to prevent further erosion of the shoulder by the stream. The project will impact 0.23 permanent acres of vegetated

streambed.

Project Proponent: Bordier's Nursery, Inc.

Agent: Alan Nelsen, Water Resources Engineering Associates

Project Name: Bordier's Nursery Sediment Excavation & Drainage Restoration

Receiving Water: Arroyo Santa Rosa
City/County: Moorpark/ Ventura

Project Status: pending receipt of complete application

Public Notice: 3/9/05 to present

Project Description: Purpose:

The purpose of this project is to minimize the potential for flooding in the existing agricultural fields for continued agricultural use prior to construction of the nursery by restoring the capacity of Arroyo Santa Rosa.

# Description:

In order to remedy the arroyo drainage and reduce the flooding problems, Bordier's is proposing a sediment excavation and drainage restoration project that consists of the following:

- 1. Excavate accumulated sediment and vegetation within the arroyo (approximately 3,786 lineal feet with an average bank-to-bank width of 37 feet) to restore capacity based on the elevations of the inverts of the existing 12' X 4' box culvert below Sunset Valley Road and the 72-inch culvert below Moorpark Road. Per discussions with regulatory agencies, the south and east row of willows planted will be removed in order to access the arroyo channel.
- 2. Place excavated sediments onto the adjacent agricultural fields (a non-jurisdictional area) in a layer less than one-foot thick (per County Grading Ordinance). The sediment will be incorporated into the farmed soil onsite.
- 3. Remove and replace the inadequately constructed "Arizona" crossing constructed in the ASR channel by the County Transportation Division. This crossing was installed approximately 18 inches higher than the adjacent flowline of the channel and acts as a dam to low flows and adds to the sedimentation problem. The new crossing will have a smaller footprint than the existing crossing and will utilize two 8-inch pipes at the flow line to convey low flows.
- 4. Relocate an "Arizona' crossing on the ASR channel northward to a tributary of the ASR for farm vehicle access to a field and an irrigation well, which have been isolated by the County's Moorpark road construction. The new crossing will also utilize two 8-inch pipes at the flow line to convey low flows.

  5. Construct a 24,800+ square foot sedimentation basin in the ASR channel immediately downstream of the Sunset Valley Road box culvert to minimize further siltation in the ASR and improve water quality. The sedimentation basin will have three "baffles" made of concrete K-rail (or similar material) that will reduce the velocity of water in the channel to allow suspended material in the water to settle. A concrete grade control structure will be installed at the outlet of the sedimentation basin.
- 6. Conduct annual maintenance consisting of hand cutting vegetation at the base of the entire channel length to maintain flows and excavate accumulated sediments only in the area of the proposed sedimentation basin.

Staff Valerie Carrillo

File No 05-048

Project Proponent: Rossco Holdings, Inc.

Agent: Sherman Stacey, Gaines & Stacey, LLP

Project Name: Tract 38931 Debris Basin

Receiving Water: Unnamed tributary to Cold Creek

City/County: Monte Nido/ Los Angeles

Project Status: pending review

Public Notice: 3/15/05 to present

Project Description: Purpose: The purpose of the proposed project is to construct a debris basin as required by the County of

Los Angeles.

Description: The project will impact 0.198 permanent acres of jurisdictional wetlands and 0.61

permanent acres of unvegetated streambed.

Project Proponent: Chevron Environmental Management Company

Agent: Bob Skiba, Padre Associates, Inc.

Project Name: East Fork of Hall Canyon Diversion Channel Clearing, Maintenance and Repair

Receiving Water: East Fork of Hall Canyon to San Jon Creek

City/County: Ventura/ Ventura

Project Status: pending review

Public Notice: 3/28/05 to present

**Project Description:** Purpose: The bank in this area protects a waste discharge unit approved by RWQCB Order 98-085. The

purpose of the proposed project is to repair damages caused from the recent storms, and to remove

built-up sediment.

Description: Approximately 11,000 cubic yards of soil, sand, and debris will be removed from the diversion channel. The soil and sand will be transported to an upland area to be used as fill material. The work will be conducted in the areas indicated in concrete-lined and unlined areas of the channel. Repairs will be made to the damaged concrete-lined areas of the stream channel An existing dirt road will be improved to handle construction equipment. A small temporary earthen dam will be constructed on the east end of the work area to divert water flow, and removed when channel clearing is completed.

Staff Dana Cole

File No 05-063

Project Proponent: County of Los Angeles Department of Public Works

Agent: Curtis Castle

Project Name: San Dimas Canyon Road at Mile Marker 2.00

Receiving Water: San Dimas Wash

City/County: Angeles National Forest/ Los Angeles

Project Status: pending review
Public Notice: 4/8/05 to present

Project Description: Purpose: The purpose of the proposed project is to conduct emergency repairs of 200 ft X 15 ft area of

roadway embankment that eroded due to high storm flows on San Dimas Wash.

Description: The project will fill the bottom of the eroded bank with 5 ft of riprap and 5 ft of soil fill on top of the riprap to recreate the embankment. The project will not impact the waters of the United States.

Staff Dana Cole

File No 05-068
Project Proponent: Steven Arklin

Agent: Alex Palmer, Ramco Engineers

Project Name: Sand Canyon Channel Stream Bank Restoration & Stabilization

Receiving Water: Sand Canyon Channel, tributary to Santa Clara River

City/County: Canyon Country/ Los Angeles

Project Status: pending review
Public Notice: 4/15/05 to present

Project Description: Purpose: The purpose of the proposed project is to stabilize stream banks in proximity to roads and

bridges and restore property lost due to erosion.

Description: The proposed channel repair will reestablish a portion of the original stream banks, provide erosion controls and bank stabilization using rip rap revetment techniques. Rip rap consisting of 2 to 4 ton rocks will be placed. The voids in the rip rap will then be cement grouted. Exposed soil slopes will be

revegetated and covered with erosion control matting or hydromulch.

Project Proponent: County of Los Angeles Department of Public Works

Agent: Curtis Castle

**Project Name:** Spunky Canyon Road at Mile Marker 0.13

Receiving Water: Bouquet Reservoir

City/County: ANGELES NATIONAL PARK/ Los Angeles

Project Status: pending review
Public Notice: 4/20/05 to present

**Project Description:** Purpose: The purpose of the proposed project is to remove sediment from two culverts located on

Spunky Canyon Road at mile marker 0.13

Description: Sediment will be removed at a surface area of 1,800 square feet.

Staff Dana Cole

**File No** 05-079

Project Proponent: County of Ventura Public Works

Agent: Kevin Smith, PBS & J

Project Name: Grimes Canyon Road Bridge # 225

Receiving Water: Grimes Canyon Wash
City/County: Moorpark/ Ventura
Project Status: pending review
Public Notice: 5/9/05 to present

Project Description: Purpose:

The purpose of this project is to improve the safety of Grimes Canyon Road.

### Description:

This project site is located east of the City of Moorpark and south of the City of Fillmore within the County of Ventura. Agricultural fields primarily surround the bridge to the north and south of the site. The channel crossing the bridge drains in a southwest direction where it confluences with a larger stream located approximately 320 feet downstream from the bridge. The channel is at a steep slope of 3 percent at various locations upstream and downstream of the bridge. The streambed consists of silty-sand with no vegetation.

The proposed project would require the excavation and fill of the channel to restore the channel to the pre-storm configuration. The excavations will occur on the channel sides in order to conform the side slopes to be 2:1. The fill will occur along the channel bed and will help reduce the bed slope, thus reducing the flow velocities. Structural backfill will occur at the bridge pier and footing. The backfill at the bridge will be compacted up to a height of the pre scour bed elevation. Caltrans standard (12 feet) wing walls are proposed for both the inlet and outlet of the bridge crossing. The left wing wall at the inlet will be skewed to conform to the existing left bank along the channel.

The use of a drop structure along the channel was considered an alternative at first, but was later reanalyzed due to the exposed spread footing of the bridge. The spread footing was designed to have sufficient cover (approximately 6 to 7-feet of soil) in order to keep the structural integrity of the bridge. Having this portion of the footing exposed makes the bridge pier rigid because it is bearing additional load in the lower portion of pier, which would typically be supported by the soil. In addition, the lateral forces of traffic crossing the deck also jeopardizes the bridge stability. Constructing a drop structure will lower the profile of the stream and will not allow for sufficient cover for the bridge footing. By constructing a drop structure, the new profile of the creek bed would make it impossible to bury the spread footing to its design depth. If a drop structure was constructed, the riprap required to dissipate the energy along the drop structures ranges from 2.51 feet to 3.35 feet in diameter. This size of riprap will not restore the original bed form and will not allow for native vegetation to grow. The goal is to reestablish the profile of the stream while adding a bit of armor to the streambed and sides. The armor is only six inches thick and will have approximately a foot of compacted native soil above it. This will allow for vegetation to grow.

Project Proponent: Riopharm USA, Inc.

Agent: Kathy Patey, Envicom Corp.

Project Name: Riopharm Residential Tracts 48321 & 48901
Receiving Water: Unnamed tributaries to Liberty Canyon Creek

City/County: Agoura Hills/ Los Angeles

Project Status: pending review

Public Notice: 5/9/05 to present

**Project Description:** Purpose: The purpose of the proposed project is to construct 28 residential units in a 13.14 acre lot

located in the City of Agoura Hills.

Description: The project will develop 14 detached town-home units and 14 single family residential units, a debris basin, a retention basin/velocity dissipater, various storm drains with inlets and outlets, concrete v-ditches and splash pads, a recreational area, a public sidewalk adjacent to Agoura Road, underground utilities and private and public roadways. Within the project site, 5.3 acres of the project will be dedicated to open space. The proposed activities will discharge permanent fill material into 0.1237 acres of waters of the United States. Of this amount, 0.056 consists of non-wetland waters and 0.0677 acres are

classified as wetlands.

Staff Valerie Carrillo

File No 05-090

Project Proponent: Quality AG, Inc Agent: Mike Richardson

Project Name: Riverbed Berm with Reinforced Groins

Receiving Water: Pacific Ocean

City/County: Fillmore/ Ventura

Project Status: pending review

Public Notice: 5/11/05 to present

Project Description: Purpose: The purpose of this project is to create a berm along the existing boundary with reinforced

groins to stabilize for future flooding.

Description: The project is to create 10, 100 – 150 foot long earthen groins that are perpendicular to the Santa Clara River. Within the 10 groins, 30-foot long steel pipes will be pile driven into the ground approximately 20 feet deep, 15 feet apart. They will be anchored into the existing property and tied together horizontally with steel cable and chain link fence. Sand will then be pushed up on either side. To avoid entering the stream with men or equipment, we will establish a new waterway that follows the contour of the river. The water diversion channel will be reopened at the completion of the project. The

total impacted area is 1.5 temporary acres.

Staff Dana Cole

File No 05-089

Project Proponent: Somers Ranch

Agent: Mike Richardson, Quality AG, Inc
Project Name: West & East Levee Restoration Project

Receiving Water: Pacific Ocean

City/County: Filmore/ Ventura

Project Status: pending review

Public Notice: 5/13/05 to present

**Project Description:** 

Purpose: The purpose of this project is to reconstruct and repair the existing levee to prevent future flooding.

Description: The purposed project is located in the City of Fillmore, Ventura. There is two parts at which the levee must be reconstructed and repairs. The parts include the west levee and the east levee. The total impacted area is 8 temporary acres.

#### West Levee

The project is to reestablish the property boundary by creating a berm/levee, along the southern property boundary that is approximately 1300 linear feet. Long and abuts the northern boundary of the Santa Clara River. The levee will be approximately 72 feet wide. The southern 35 feet of the levee will be constructed of native riverbed sand and fill. The northern 25 feet of the levee will be constructed of rock, concrete, posts, and pipes. The remaining 12 feet will gradually slope away from the levee on both the north and south sides. Rock and concrete material will be covered with sand for uniformity, strength, and aesthetics. To avoid entering the stream with men or equipment, we will establish a new waterway that follows the contour of the river. The water diversion channel will be reopened at the completion of the project.

### East Levee

Project is to repair and reinforce the existing levee for approximately 1100 linear feet. The repair work includes the partial reinforcement of 5 to 10 feet of the levee's core with rock and concrete and the reshaping of the eroded southern border with native riverbed gravel, sand, and soil. An additional 5 to 15 feet will be added to allow for a more gradual and natural slope to the river. To avoid entering the stream with men or equipment, we will establish a new waterway that follows the contour of the river. The water diversion channel will be reopened at the completion of the project.

Staff Dana Cole

File No 05-092

Project Proponent: County of Ventura Public Works

Agent: Kevin Smith, PBS&J

Project Name: Grims Canyon Bridge Replacement Project (Bridge 226)

Receiving Water: Grimes Canyon Wash

City/County:

Project Status: pending review

Public Notice: 5/18/05 to present

Project Description: Purpose:

The purpose of this project is to improve the safety of the Grimes Canyon Road.

### Description

This project site is located east of the City of Moorpark and south of the City of Fillmore within the County of Ventura. Agricultural fields primarily surround the bridge to the north and south of the site. The streambed consists of silty-sand with no vegetation.

The proposed project would replace the bridge with a new bridge with similar dimensions; however, the replacement bridge would be a single-span. The project would require a 50-foot section of the channel to be widened by approximately 15 feet to accommodate the existing high velocities that scoured out the bridge. In addition, the channel requires slope protection, either an ArmorTec erosion control product or rip-rap to control future erosion and scouring. The armoring would extend approximately 400 feet

downstream and 300 feet upstream of the bridge crossing.

Staff Valerie Carrillo

File No 05-094

Project Proponent: James Steinberg

Agent: Mike Richardson, Quality AG Incorporation

Project Name: Riverbed Berm Reclamation, Restoration and Reinforced Groins

Receiving Water: Pacific Ocean
City/County: Fillmore/ Ventura

**Project Status:** 

Public Notice: 5/19/05 to present

Project Description: Purpose:

The purpose of the proposed project is to reclaim the property boundary and stabilize it for future

flooding.

Description:

The Applicant plans to restore the eroded embankment along the north side of subject property that abuts the south side of the Santa Clara riverbed. The total area to be restored is approximately 3200

linear feet. The new berm will reconnect the ends of the east and west property boundary.

Staff Dana Cole

**File No** 05-095

Project Proponent: Dennis Gootrad

Agent:

Project Name: 31616 Lobo Canyon, Agoura, Driveway Drainage Course Crossings

Receiving Water: Lobo Canyon Creek
City/County: Agoura/ Los Angeles
Project Status: pending review
Public Notice: 5/23/05 to present

Project Description: Purpose: The applicant proposes to construct a driveway to provide access to a proposed private

residence located at 31616 Lobo Canyon Road, Agoura, in the unincorporated area of Los Angeles County. There will be three concrete apron dip crossings, at existing grade, over an existing dirt road, will

be constructed over the seasonal drainage courses that are tributary to Lobo Canyon Creek.

Description: The construction will be over an existing dirt roadway across three seasonal drainage

courses of 26-foot wide dip crossings with a total jurisdictional impact area of 0.045 acres.

Staff Valerie Carrillo

**File No** 05-096

Project Proponent: Calluegas Municipal Water District

Agent: Kristine McCaffrey

Project Name: Storm Damage Repair Grimes Canyon

Receiving Water: Grimes Canyon Wash
City/County: Moorpark/ Ventura
Project Status: pending review
Public Notice: 5/23/05 to present

Project Description: Purpose:

The purpose of the propose project is to repair storm damage in Grimes Canyon Wash from the January

2005 storms.

Descripition:

The wash experienced very high stormwater flows, resulting in extensive erosion to the wash. The rip-rap energy dissapator on the discharge structure was reduced to rubble, and the 6-inch corrugated metal pipeline used to discharge low flows was disconnected from the discharge structure and crushed.

The structure would be replaced and cemented grout would hold it in place.

Staff Valerie Carrillo

**File No** 05-104

Project Proponent: City of Simi Valley

Agent: John McCarthy, RBF Consultants

Project Name: Dry Canyon Detention Basin

**Receiving Water:** Dry Canyon Creek City/County: Simi Valley/ Ventura

Project Status: pending receipt of complete application

Public Notice: 6/6/05 to present

Project Description: The proposed project would construct a 12-acre, 165 foot detention basin with a 40-foot dam, in order to

contain 100 year flows. The detention basin would be located immediately north of the northern terminus of Anderson Drive in Dry Canyon. The banks of the detention basin will be vegetated with

native species.

Staff Valerie Carrillo

File No 05-131

Project Proponent: Southern California Gas Company

Agent: Gary Witt, Project Manager

Project Name: Line 404/406, Grade Access Road

Receiving Water: Palo Comado and Chesebro Canyon Creeks

City/County: Calabasas/ Los Angeles

Project Status: pending receipt of complete application

Public Notice: 6/7/05 to present

**Project Description:** The purpose of the proposed project is to re-grade the access road to provide access to pipeline

facilities. As part of the road grading, the Applicant is proposing to lay-back scoured banks at existing dirt

crossings within Palo Comado and Chesebro Canyon creeks to allow vehicles to access.

Staff Valerie Carrillo

File No 05-134

Project Proponent: Southern California Gas Company

Agent: Gary Witt, Project Manager
Project Name: Line 8109, Exposure Repair

Receiving Water: Matilija Creek
City/County: Matilija / Ventura

Project Status: pending receipt of complete application

Public Notice: 6/7/05 to present

Project Description: The purpose of the proposing project is to repair a section of pipe currently exposed within the bank of

Matilija Creek. The Applicant is proposing to excavate around the exposure to include a pipeline

replacement that will most likely either bore underneath or span the creek.

Staff Valerie Carrillo

**File No** 05-135

Project Proponent: Southern California Gas Company

Agent: Ron Silver, Gas Transmission Project Manager

Project Name: Line 235, Pipeline Exposure Reapir and Gabion Installation

Receiving Water: Unnamed tributary to Santa Clara River

City/County: Mint Canyon/ Los Angeles

Project Status: pending receipt of complete application

Public Notice: 6/7/05 to present

**Project Description:** The purpose of the proposing project is to install gabion structures upstream and downstream of

exposed pipe and repair section of the access road that traverses an intermittent drainage. This will require the placement of rock gabion structures at three locations to allow for sediment retention and accumulation behind the structures. The gabions will be placed to match the existing gradient of the stream channel. The existing road and adjacent upland area with non-native annual grassland will be utilized as a vehicle and material staging area. The area will not exceed 40 feet by 40 feet and will not

require the removal of any native shrubs or vegetation.

Installation of the gabions will require excavation to a depth of up to 10 feet below the existing stream grade. The soil will be stockpile within the upland disturbed area on the access road until it is used to backfill the gabion structures. The rock for the gabions will be unloaded from a dump truck with backhoe and arranged in the channel. The backhoe will also scrape away native soil material on each side of the pipe to allow inspection for potential damage. One the pipe has been examined, repairs will be made prior to covering the pipe. Native soil will be used to backfill the gabion structures. Additional soil scraped from the existing access road will be utilized should additional pipeline over-fill material be required. Upon completion of the gabion structures, the banks will be returned to their existing pre-construction contours to the maximum extent feasible.

An existing right-of-way access road to the project site is presently impassible due to an erosion cut 3 feet deep by 5 feet wide and 9 feet long caused by channeled runoff initiated from an adjacent development. Approximately one hundred and thirty five cubic yards of native soil material will be used to backfill the erosion cut to allow equipment access on to the project site.

Staff Valerie Carrillo

**File No** 05-137

Project Proponent: Southern California Gas Company

Agent: Ron Silver, Gas Transmission Project Manager

Project Name: Line 235/335 Pipeline Exposure and Access Road Repair

Receiving Water: Santa Clara River

City/County:

Project Status: pending receipt of complete application

Public Notice: 6/7/05 to present

#### **Project Description:**

Location 1 (MP 231.98): The purpose of the project involves extending the drainage culvert to bypass the exposed 30-inch pipeline to prevent future exposures at the location. The removal of approximately 2-3 feet of existing soil from both sides of the exposed pipeline within the channel is required. The exposed wrap on the pipe will be inspected for damage and repaired, prior to being covered with native fill material. Any damaged wrap would be removed, collected with a tarp, and disposed at an approved facility. A 15-20 foot section of 22 inch corrugated metal pipe will be placed in the channel to extend the existing culvert. The culvert pipe will be buried with native soil material scarped from the dirt patrol road. Finally, 2-3 feet of crushed rock rip-rap, approximately one-foot in diameter, will be placed below the new discharge location to dissipate the water velocity and reduce soil erosion.

The channel is scoured with no vegetation within the project footprint. Non-native annual grasses dominate the adjacent upland area. One mulefat plant was located directly adjacent to the channel. Coastal sage scrub vegetation and non-native annual grasses dominate the adjacent hillsides. The channel is approximately 3-4 feet wide in the project area.

Location 2 (MP230.7): The purpose of the proposed project is to place a culvert within the drainage channel across the patrol road and reestablishing the road above. The proposed activity involves excavating the crossing approximately 20 feet long by 4 feet wide by 3 feet deep. A 20 foot section of 24 inch corrugated metal pipe will be installed within the excavated trench and backfilled/covered with native soil material. The pipe would extend approximately 2.5 feet on either side of the access road. Sandbags will be placed at the upstream end of the culvert in a "V" formation to direct the stream flow into the culvert. Approximately 2-3 feet of crushed rock rip-rap will be placed at the entrance to the culvert and below the new discharge location to dissipate the water velocity and reduce soil erosion.

Location 3 (MP 230.0): The purpose of the project involve excavating the crossings (20'X4' by 3'). A 20-foot section of 24 inch corrugated metal pipe will be installed and then backfilled and covered with native soil material. The pipe will extend approximately 2.5 feet on either side of the access road. Sandbags will be placed at the upstream end of the culvert in a "V" formation to direct the stream flow into the culvert. Approximately 2-3 feet of crushed rock rip-rap will be placed at the entrance to the culvert and below the new discharge location to dissipate the water velocity and reduce soil erosion. The channel is approximately one foot wide with in the project area. The construction area will be approximately 30 feet by 12 feet. The total impacts to the streambed and bank will be approximately 40 square feet. Permanent impacts within the channel will be approximately 30 square feet.

Location 4 (MP224.91): The purposed project involves installing a drainage culvert so that storm flows bypass the exposed 30-inch pipeline and access road to prevent future exposure at the location. The removal of approximately 2-3 feet of the existing soil from both sides of the exposed pipeline within the channel is required. The exposed wrap on the pipe will be inspected for damage and repair, prior to being covered with native soil material. Any damage wrap would be removed, collected with a tarp, and disposed in an approved facility. A 30 foot section of 36 inch corrugated metal pipe will be placed in the channel to extend the existing culvert. The pipe would extend approximately 2-3 feet on either side of the existing access road. Sandbags will be placed at the upstream end of the culvert in a "V" formation to direct the stream flow into the culvert. Approximately 2-3 feet of crushed rock rip-rap will be placed at the entrance to the culvert and below the new discharge location to dissipate the water velocity and reduce soil erosion. The total impacts to the streambed and bank will be approximately 120 square feet. Permanent impacts within the channel will be approximately 108 square feet.

Location 5 (MP221.910): The purposed project involves restoring the flow pattern of the main drainage by backfilling the stream channel with suitable soil material to return the flow pattern above the existing elevation of the exposed pipeline. The new flow pattern will begin at the flow gradient of the existing steel culvert beneath the access road and extend 60 feet downstream to a distance of 30 feet beyond the exposed gas pipeline. The distance is required to prevent future exposure of the parallel gas line, which has not yet been exposed. Approximately 2-3 feet of the existing soil from both sides of the exposed pipeline within the channel will be excavated to expose the wrap for inspection and repair prior to being covered with fill material.

Valerie Carrillo

Staff

Project Proponent: Southern California Gas Company

Agent: Ron Silver, Gas Transmission Project Manager

Project Name: Line 2001 Pipeline Exposure Repair

Receiving Water: San Jose Creek

City/County: Yorba Linda/ Los Angeles

Project Status: pending receipt of complete application

Public Notice: 6/7/05 to present

Project Description: The purposed project consists of installing rip-rap structure along south creek bank and backfill exposed

pipe with native soil material. The exposed section is approximately 12 feet long by 30 feet wide within the drainage channel. The repair will require backfilling with soil material and excavation on each side of the pipeline to inspect for additional damage. The pipeline span will be inspected and wrapped prior to covering the pipe. Native soil material and sandbags will be placed as protective cover and rock rip-rap structure on the southern stream bank. Rip-rap armament will extend approximately 30 feet upstream for

the exposure to prevent further erosion in the future.

Upland area south of the channel is paved County road and vegetation north of the channel consist of non-native annual grassland dominated by brome species, wild radish, stork bill, and bur clover. No state or federal listed species were identified within the project vicinity. The total impacts to streambed and channel will be approximately 900 feet by 30 feet and 30 feet wide. Out of the total impacts,

approximately 630 feet will be temporary. Temporary impact to riparian vegetation will be avoided since

very minimal vegetation exists near the exposure.

Staff Valerie Carrillo

**File No** 05-139

Project Proponent: Southern California Gas Company

Agent: Ron Silver, Gas Transmission Project Manager

Project Name: Line 85, Access Road Repair

Receiving Water: Posey Canyon Wash
City/County: Liebre Mountain/ Ventura

**Project Status:** pending receipt of complete application

**Public Notice:** 6/7/05 to present

**Project Description:** The purpose of the project consists of repairing an access road that is currently impassable due to

washout from runoff associated with recent heavy storm. The project activity entails removal of a failing culvert and replacement with Arizona Crossings, and gabion structures downstream of the crossing to stabilize stream bank. Since the road provides a critical point of access to the pipeline it is essential to

have it open to vehicles for as much of the year as possible.

The washout is approximately 30-feet long by 20-feet wide and 7- feet deep, and appears to be result of a failing culvert. The proposing activity will require filling the road washout with native soil material scrapped from the surroundings roadbed and installation of an Arizona Crossing made of cement or compact rock approximately 42-feet long by 20-feet wide. The project activity will impact on dirt right-of-way access road that takes sharp bend as it descends into the bottom of Posey Canyon. A culvert that diverts flows during the winter season under the roadbed has been washout and the replacement one is too small to direct high flow underneath the access road. The surrounding vegetation consist of a mixture of chaparral and facultative wetland species dominated by yerba santa, arroyo willow, mulefat, bladderpod, black sage, and scrub oak. Non-native species such as tamarisk area also present. At the time of the biological survey there was no evidence of standing water pr surface moisture either upstream or downstream. Channel morphology and the surrounding vegetation community suggests that the wash convey flows during the winter season only. The project area lack stables pool

habitat and is therefore unlikely to harbor arroyo toads or provide suitable habitat.

Project Proponent: County of Los Angeles Dept. Public Works

Agent: Curtis Castle

Project Name: Los Angeles River - Side Drain Repair

Receiving Water: Los Angeles River
City/County: los angeles/ Los Angeles

Project Status: pending review

Public Notice: 6/15/05 to present

Project Description: Purpose:

In July 2003, 106 corrugated metal pipe drains, which outlet to the Los Angeles River, were videotaped. After reviewing the tapes, 83 side drains were found to be damaged, abandoned, or needed to be cleaned. Wear and corrosion of the side drains have created a high potential for erosion behind the existing channel walls and slope linings.

### Description:

The purpose of the proposed project is to clean, reconstruct, repair, or abandon the 83 side drains as necessary. The drains vary in size from 12 to 36 inches in diameter. The total length of the project is approximately 66,763 feet or 12.64 miles.

Construction equipment will enter the channel but will not enter the Sepulveda Dam Recreation Area. Construction is proposed during the dry season when little flows exist in the channel. If flows exist in the channel outside of the low flow at the time of construction, the flow will be redirected away from the project area with an acceptable methodology. The redirection of flows would be done in a manner to prevent construction material from coming in contact with any water in the channel, thus preventing adverse impacts to water quality.

Staff Dana Cole

File No 05-114

Project Proponent: John & Carmel Whitman

Agent: David Magney, David Magney Environmental Consulting

Project Name: Whitman Property(Old Creek Ranch) Reclamation Project

Receiving Water: San Antonio Creek tributary to Ventura River

City/County: Oak View/ Ventura

Project Status: pending review

Public Notice: 6/20/05 to present

Project Description: Purpose:

David Magney Environmental Consulting (DMEC) was contacted by the Whitmans in March 2005 to provide independent compliance monitoring to ensure compliance with the Corps and National Oceanic and Atmospheric Administration (NOAA) regulations (Corps File No. 2005-00984-JWM) for construction activities associated with emergency work performed in or adjacent to jurisdictional water of the United States. CDFG was notified about the emergency construction activities through the Corps. The emergency construction activities were performed in march and April to divert flow away from severely eroded banks along portions of San Antonio Creek within their property and to restore property access.

# Description:

The activities proposed for the project include reclamation of farmland on the Whitman property along portions of San Antonio Creek. During the emergency work conducted during March and April 2005, material was excavated from a pilot channel constructed approximately 1,200 feet long, 15 feet wide, and 10 feet deep with 2:1 slopes. The excavated and stockpile San Antonio Creek Riverwash material will be used to reclaim and stabilize (1) approximately 1,200 linear feet of the fallen southwest bank at the upstream end of the property near Rancho Royale, and (2) approximately 500 linear feet of the southeastern bank of at the downstream end of the property at the Winery entrance. In addition to the creek material stockpile onsite, native fill material will be imported from local landslides, and possibly the SR33 Arnaz Grade repair project, to aid in the reclamation work. Once the property lost reclaimed, the newly contoured banks will be planted will appropriate native riparian plant species to stabilize the banks and to restore riparian habitat.

Project Proponent: Valley Coast Tree Company

Agent: Louis Nagy, Water Resource Engineering
Project Name: Annual Drainage Maintenance Program

Receiving Water: Bear Creek and five agricultural frainages, tributary to Santa Clara River

City/County: Fillmore/ Los Angeles
Project Status: pending review
Public Notice: 6/22/05 to present

**Project Description:** Purpose: The purpose of this proposed project is to remove accumulated sediment in drainages to

eliminate mosquito-breeding pools and minimize future flooding potential.

Description: The project involves removal of all vegetation (native and non-native) on the base of the six drainages. Removal of this vegetation will allow the unrestricted flow of water through the drainages. Sediment will also be removed using a scraper or bulldozer. Removal of sediment will prevent water

ponds from forming, decreasing the sites for mosquito breeding.

Staff Valerie Carrillo

**File No** 05-119

**Project Proponent:** Gary Petrowski **Agent:** Glen Hawks

Project Name: Thatcher Creek Bank Restoration

Receiving Water:

City/County: Ojai/ Ventura

Project Status: pending review

Public Notice: 6/28/05 to present

Project Description: Purpose:

The purpose of the proposed project is to restore a bank on a private property lost to erosion caused by storms in January of 2005 from Thatcher Creek.

Description:

The crossing stabilizes the upstream channel, but in doing so generates a substantial amount of turbulence. The soils in the area consist of alluvial sands and gravels which are extremely subject to crossing.

The COE in 1969 constructed a relatively shallow shallow (10 feet deep) with levees in the area. Over the years including 2005, the channel flow line has eroded nearly 20 feet below the 1969 flow line.

Last winter's severe storms have eroded the westely bank at the Petrowski property, to a nearly vertical cliff up to 30 feet in height. The most severe damage has occurred in the first 500 feet of stream bank downstream of the roadway.

Presently the vertical bank is within 15 feet of existing barn/stable buildings, 36 feet from a swimming pool and 60 feet from the main residence. Without restoration, a future storm of moderate intensity could

be expected to cause considerable damage to the developed property.

Staff Dana Cole

File No 05-117

Project Proponent:County of Ventura Parks and RecreationAgent:Sydney Temple, Questa EngineeringProject Name:Steckel Park Bank Stabilization Project

Receiving Water: Santa Paula Creek
City/County: Santa Paula/ Ventura
Project Status: pending review

Public Notice: 6/30/05 to present

**Project Description:** 

Purpose: The purpose of the project is to move the instream gravels and boulders to buttress an existing 60- foot high eroding bank. The applicant is proposing to:

- 1. Realign the low-flow channel so that it flows near the tips of the newly constructed groins. A small pool will be excavate at the tip or slightly downstream of four of the groins. This would create a net increase pool habitat within the project site.
- 2. A new channel would be established in approximately the same location prior to construction.
- 3. The large debris on the inside of the downstream bend, adjacent to the diversion channel would be relocated to the outside meander bend.

4. Two types of techniques have been proposed. The first is to place deep willow pole planning between the groins and along the sides of the new channel. About 250 of one gallon plants will be planted on the low terraces which would consist of Mulefat, Cottonwood, and Sycamore. The plants will be place on the lower terraces where their roots would have access to creek flow or subsurface flow.

Staff Valerie Carrillo

File No 05-148

**Project Proponent:** Adelina Munoz

Agent:

**Project Name:** Emergency Activities on Route 5 Templin Highway Slide

**Receiving Water:** unnamed tributaries to Castic Creek

City/County:

**Project Status:** pending review **Public Notice:** 7/21/05 to present

**Project Description:** The project proposes to stablize the subject slide along the SB lanes from Templin Highway to

> approximately 1 mile south of Templin Highway due to the scarp that continues to move at a rate that is jeopardizing the corridor movement of the highway. The slope is unstable due to an incipient/emergent landslide and a high ground water table along State Route 5 at Post Miles 65.4/65.7, as a result the deep

seated landslide is toeing out into the north and southbound traveled way of interstate.

The grade slope will be revegetated to prevent soil erosion and to replace the vegetation removed by the grading operation. The proposal is to replant native species matching the existing plant communities of chaparral, chapparral/coastal sagescrub and riparian zones on both sites.

During construction operations the appropriate erosion control measures and devices will be placed, including silt fences, straw bails barrier, sediment basins, sandbags barriers, and other temporary sediment control devices.

Staff Dana Cole

File No 05-185

**Project Proponent:** Camrosa Water District Agent: J. Henry Graumilich

**Project Name:** Waterline Repiar Serving California State University, Channel Islands

**Receiving Water:** Calleguas Creek

City/County:

**Project Status:** 

**Public Notice:** 7/21/05 to present

**Project Description:** The purpose of the activity was to repiar the damaged waterling providing essential public service to the

CSUCI campus. The final goal was to restore adequate water service to the CSUCI campus to meet fire

flows, irrigation demands, and to provide for water-associated health and safetyr needs.

Staff Valerie Carrillo

File No 05-148

**Project Proponent:** California Department of Transportation

Agent: Adelina Munoz

**Project Name:** Emergency Activities on Route 5 Templin Highway Slide

**Receiving Water:** Unnamed tributaries to Castic Creek

City/County: Castic Creek/ Los Angeles

**Project Status:** pending review

**Public Notice:** 7/21/05 to present **Project Description:** 

Purpose:

The project proposes to stabilize the subject slide along the SB lanes from Templin Highway to approximately 1 mile south of Templin Highway due to the scarp that continues to move at a rate that is jeopardizing the corridor movement of the highway. The slope is unstable due to an incipient/emergent landslide and a high ground water table along State Route 5 at Post Miles 65.4/65.7, as a result the deep-seated landslide is toeing-out into the north and southbound traveled way of the Interstate. Recently the slide has increased in movement within the Townsend Peak area.

# Description:

The work involved in stabilizing the slopes includes:

- ? Grading and removal of approximately one million cubic yards of material
- ? Lowering the groundwater table with horizontal underground drainage system
- ? Construction of an earth buttress at the toe of slope
- ? Construction of drainage benches
- ? Installation of instrumentation to continue monitoring the slope and to collect data necessary to complete the studies for the reconstruction of the freeway lanes
- ? Realignment of Forest Services road

The excavated materials will be disposed within the adjacent Violin Canyon:

- ? An estimated one million cubic yards of material will be transported to the location
- ? The location has an existing 2:1 slope and would be cleared and grubbed prior to disposal of material onto the site
- ? 1st four inch of duff and soil will be salvaged for later use on the top of the restoration site
- ? Material would be compacted and rolled within the project site
- ? Construction of an earth buttress at the toe of slope

The graded slopes will be revegetated to prevent soil erosion and to replace the vegetation removed by grading operation. The proposal is to replant native species matching the existing plant communities of chaparral, chaparral/coastal sagescrub and riparian zones on both sites.

During construction operations the appropriate erosion control measures and devices will be placed, including silt fences, straw bails barrier, sediment basins, sandbags barriers, and other temporary sediment control devices.

Staff Dana Cole

File No 05-162

Project Proponent: ConocoPhillips
Agent: Brien Vierra

Project Name: 8-Inch Line 600 Todd & Ellsworth Barranca Pipeline Repair

Receiving Water: Santa Clara River
City/County: Ventura/ Ventura
Project Status: pending review
Public Notice: 8/12/05 to present

Project Description: Purpose:

The purpose of the proposed project is to repair a short section of the 8-inch line by excavating the pipeline and installing a short weld sleeve around the pipe at each Barranca. The Applicant has a proactive maintenance program that identifies pipelines or sections of lines that need to be replaced, repaired or removed based on internal inspections, operating conditions and environment exposure. A dent with metal loss was identified in the upper quadrant of the pipeline by an internal inspection device requires the operator to evaluate and repair dent by as soon as possible per Federal Regulations.

### Description:

The Applicant is proposing to repair the pipeline by digging down to the anomaly, inspecting the pipe and installing a weld sleeve or installing a composite repair sleeve per DOT regulations. The repair is due to a dent in the line that is located within high water marks of the Barranca. If water is running in the channels at the time of work a temporary cofferdam will set to channel the water through the work area. The cofferdam will be built out of sandbags and plastic with a minimum 12-inch culvert utilized to convey the water to the downstream side of the work area. If water is encountered in the repair area it will be pumped to an upland area and filtered through sedimentation bags and allowed to percolate back into the soil.

Project Proponent: City of Santa Clarita

Agent: Louis A. Courtois

Project Name: Public Trail at Santa Clara River South Bank

Receiving Water: San Francisquito Creek
City/County: Santa Clarita/ Los Angeles

Project Status: pending review
Public Notice: 8/17/05 to present

Project Description: The purpose of the proposed project is to remove and rebuild approximately 300 linear feet of the

existing asphalt trail along the river's south bank. This will include installing a temporary stream diversion to direct storm-drain muisance water away from the work site. The original boundary of the trail footprints will be staked. A slot will be excavated along the outer boundary of the footprint to allow placement of ungrounted rock riprap immediately below and along the toe of the original slope to provide future flood protection. Fill materials will be installed behind the riprap and compacted. Once the surface elevation matches the existing trail, an asphalt trail surface will be installed along with a post and rail fencing. The project will impact 0.03 acres (approximately 5 feet wide by 300 feet long) of CDFG jurisdictional riparian scrub habitat. The Operator proposes to complete all necessary mitigation on-site by installing willow

and mulefat cuttings within the riprap toe and slope to offset impacts.

Staff Dana Cole

File No 05-186

Project Proponent: County of Los Angeles Department of Public Works

Agent: Jemelle Cruz/Yvonne M. Taylor

Project Name: Haines Canyon Channel Outlet (Reach 12)

Receiving Water: Haines Canyon Channel tributarty to Tujunga Wash, Los Angeles River and Pacific Ocean

City/County: Sundland/ Los Angeles

Project Status: pending review
Public Notice: 8/29/05 to present

Project Description: Purpose:

The purpose of the proposed project includes the removal of accumulated sediment, debris and clumps of willow trees that are impeding the natural flow of water along Hanies Channel Outlet. The Applicant has been requested to remove the ponded, stagnant water to prevent the breeding of mosquitos and spread of West Nile Virus.

# Description:

The project limits are from the outlet of the rectangular concrete channel to the downstream end of the flood easement (approximately 360 feet). The grouted stone invert immediately downstream to of the rectangular channel (approximately 80 feet in length) will be inspected and repaired if necessary. The remaining 280 feet of easement will be regarded to have a minimum 2% cross-sectional grade into the improved levee on the left bank. The streambed will be graded to have a 0.66% fall. All trees and vegetation that are within the graded area will be removed (approximately 13 trees in all). Mitigation for the trees may be replanted along the right bank of the easement between the access area near the rectangular channel outlet to the overflow drain that takes water through the Angeles National Golf Course. Trees may also be planted downstream of the overflow drain to the edge of the easement.

The surface water diversion plan consists of building a sandbag berm/inlet structure across the invert of the rectangular concrete channel. The water will enter a flexhose and be carried by the hose downstream of the construction area. Since the water will be isolated from the construction, no downstream settling basins are needed.

Any excavated material will be located into dump trucks and hauled to a sediment placement site or

landfill.

Project Proponent: Toll Brothers, Inc.

Agent: Jon Petke, The Planning Associates

Project Name: Tapia Rnach North Tributary Access Road

Receiving Water: Castaic Creek 200 feet upstream at confluence of unnamed north Tapia Creek tributary and Tapia Creek

City/County: Castaic/ Los Angeles
Project Status: pending review
Public Notice: 9/1/05 to present

Project Description: Purpose:

The purpose of the proposed project is it repair Tapia Ranch North Tributary Access Road damaged by last winter's rainy season.

Description:

The Applicant proposes to use native soil dip crossings wherever practical, and only restore corrugated pipe crossings where feasible. Relocate native soil, rocks and boulders in remediating and protecting road from the restored ephemeral stream. Use contour and sheet flow grading techniques to minimize concentration of natural runoff patterns and optimize natural drainage patterns in the ravines and native washes. Use native seed mix hand broadcast at appropriate times during rainy season and/ or natural recruitment of native landscape species in the reconstructed flowline.

Staff Valerie Carrillo

File No 000-00

**Project Proponent:** 

Agent:

Project Name: Receiving Water: City/County:

Project Status: pending review

Public Notice: 9/2/05 to present

**Project Description:** 

Staff

**File No** 05-190

Project Proponent: Forde Biological Consultants

Agent: Jonathan Frank

Project Name: 32640 Pacfic Coast Highway

Receiving Water: Pacific Ocean
City/County: Malibu/ Los Angeles
Project Status: pending review
Public Notice: 9/22/05 to present

Project Description: A single family residance is currnetly under construction at 32640 Pacif Coast Highway

(APN:4473-016-00) in the City of Malibu. Soon after construction began, storm water contorls were removed and a significany amount of soil was pushed into a streambed located on the property and on LA Piedra State Beach (APN: 4473-016-902), by the property's pwner's cpntractor. A neighbor reported this action to the City of Malibu, who issued a Stop Work Order on August 5,2005, for the unauthorized fill

of a stream ESHA.

The purposed project is for the purpose of removing the unauthorized fill and restoring the impacted portion of the streambed to its previously existing condition. The project site is the area of the streambed directly impacted by the unauthorized fill and an area outside the streambed that is dominated by

non-native species.

Project Proponent: Environmental Management Company

Agent: Ryan Zukor

Project Name: Supplemental Soil Remediation Activities at Hall Creek

Receiving Water: Hall Canyon

City/County: Ventura/ Ventura

Project Status: pending review

Public Notice: 9/28/05 to present

Project Description: Purpose:

The purposed of the proposed project is to excavate and remove an estimated 750 cubic yards of petroleum hydrocarbon, which is containing soil from the streambed in the West Fork of Hall Canyon.

Description:

The Applicant proposed to excavation of an estimated total 5,550 cubic yards of soil from the streambed, which includes petroleum hydrocarbon, containing soil as well as the overlying soil. The petroleum hydrocarbon containing soil will be excavated and loaded into dump trucks using hydraulic equipment for

transport to a land treatment facility located within the East Fork of Hall Canyon.

Staff Valerie Carrillo

**File No** 05-195

Project Proponent: West Coast Environmental and Engineering

Agent: Ingrid Elsel

Project Name: Thacher Creek Bank Restoration

Receiving Water: Thacher Creek
City/County: Ojai/ Ventura
Project Status: pending review
Public Notice: 9/30/05 to present

Project Description: Purpose:

The purpose of the proposed project is to create a pilot channel approximately 2,000 feet along Thacher Creek. The project is to conduct bank stabilization and repair work ten feet from the edge of the streambed to provide bank protection on the north bank of Thacher Creek and minimize erosion of

property at 2244 East Ojai Avenue.

Description:

The proposed project activities include the placement of approximately 500 cubic yards of clean imported fill material for bank stabilization to protect farm structure and oak trees. The proposed fill

material will be imported for the Ojai Quarry.

Staff Valerie Carrillo

**File No** 05-205

Project Proponent: Stevenson Ranch Venture

Agent: Christy Cuba

Project Name: Stevenson Ranch Dam (State Dam #97001-004) and Soft Bottom Channel (P.D. #2528) Maintenance PI

Receiving Water: Pico Canyon Creek tributary to Santa Clara River

City/County: Santa Clarita/ Los Angeles

Project Status: pending review

Public Notice: 10/28/05 to present

Project Description: Purpose:

The purpose of the proposed project is to conduct as-needed maintenance on an existing debris basin and the soft-bottom channel leading eastward from it, to ensure that the flood control and filtration system function properly.

### Description:

The project entails conducting maintenance of an existing debris basin and the soft-bottom flood control channel that leads for it east to The Old Road culvert. Maintenance work will include removal of accumulated sediment, debris and vegetation from the debris and the channel. For an unburned watershed condition sediment removals shall occur when the debris basin is more than 25 percent full. For a burned watershed condition, the debris basin will be cleaned out when it is more than 5 percent fill. Once 25 percent full, or 5 percent if burned, all sediment and vegetation may be removed to the maintenance baseline as determined by the original as-built conditions. Vegetation in the soft-bottom channel shall be removed as needed to ensure proper functioning for flood control. Vegetation control around the basin may also include herbicide spraying where permitted, mowing, removal of weeds, brush and trees on the embankments, and clearing of overgrown vegetation along the access road and walk paths.

Staff Dana Cole

File No 05-204

Project Proponent: Sherwood Development

Agent: Julia Strong

Project Name: Sherwood Country Club Tract 4409

Receiving Water: Unnamed tributaries of Lake Sherwood and Potrero Creek

City/County: Thousand Oaks/ Ventura

Project Status: pending review

Public Notice: 11/1/05 to present

Project Description: Purpose:

The purpose of the proposed project is to create 76 residential lots within the Sherwood subdivision

situated on 640 acres of chaparral and oak hillsides.

Description:

The Applicant will include grading for geological, building pads, access roads and grouted rip-rap formation within portions of 12 streams. Approximately 0.493 acres of water will be perrmanently

impacted.

Staff Valerie Carrillo

File No 05-217

Project Proponent: Soledad Canyon A.R.I. L.L.C.

Agent: Ty Garrison

Project Name: Penlon Property Project

Receiving Water: Unnated Water Body Tributary to Santa Clara

City/County: Santa Clarita/ Los Angeles

Project Status: pending review

Public Notice: pending review

11/14/05 to present

Project Description: Purpose:

The purpose of the proposed project is to establish a level foundation for a residential development project that will consist of 150- single family condominium cluster homes, recreation space and open

space on the 19.53 acre site.

Description:

The project implementation will result in the conversion of 19.53 acre site into a residential community consisting of 150 detached single-family condominium cluster homes, a large recreational area, two smaller recreational lots, landscaping, roadways, parking and utilities. A deceleration lane to allow traffic to safely enter the proposed development will be constructed offsite adjacent to the eastbound site of Soledad Canyon Road. The preparation of the site will involve the grading of 150,000 cubic yards of

earth that is to be balanced onsite.

Project Proponent: Caltrans District 7

Agent: Mohammed Shaikh

Project Name: Rebuild Eart Channel P.M. 7.7/8.1 on W/B SR 118

Receiving Water: Unnamed tributaries to Beardsley Wash

City/County: Somis/ Ventura

Project Status: pending review

Public Notice: 11/15/05 to present

Project Description: Purpose:

The purpose of the proposed project is to restore the damaged caused by the heavy winter storms runoff to the original conditions that was affecting the roadway traffic safety, roadway stability, and slope

erosion

Description:

The project is located on the westbound direction of State Route 118 just west of State Route 34 to east of Walnet Avenue in the Somis Area of Ventura County. The heavy winter storm runoff washed out the earth lined channel and eroded the AC shoulder that supports the Metal Beam Guard Rail Post. The work consist of removing debris, in fill roadway, rebuild earth channel, and reconstruct the Metal Beam Guard Rail Post. The current condition is affecting the roadway traffic safety, stability and slope erosion.

The proposed project will restore damage to the original existing condition.

Staff Valerie Carrillo

**File No** 05-215

Project Proponent: Western Imperial LLC
Agent: Michael Piszker

Project Name: Pacoima Canyon Road Property

Receiving Water: Pacoima Wash , Maclay Basin , Los Angeles River

City/County: Sylmar/ Los Angeles
Project Status: pending review
Public Notice: 11/16/05 to present

Project Description: Purpose:

The purpose of the proposed project is to properly place fill and stream bank that was placed in

emergency response to the winter's storm.

Description:

The Applicant proposes to remove and replace fill and bank protection that was placed under an emergency situation in winter/spring 2005 in response to the winter's storms. Th fill was not certified nor was the bank protection formally designed. The permit will allow the grading to be replaced as certified fill with rip rap as bank protection that is sized and placed to meet Los Angeles county hydraulic standards. There would be also be replacement top one fair weather crossing that was list in the storm. Approximately 6.6 acres of fill and 1200 linear feet of stream bank (with protection) will be replaced.

Staff Dana Cole

File No 05-214

Project Proponent: Edward Jefferson

Agent: Wendy Cole, David Magney Environmental Consulting

Project Name: BioAssessment and Mitigation/Monitoring Plan for Green Valley Ranch

Receiving Water: Mahan Barranca tributary to Arroyo Las Posas

City/County: Somis/ Ventura

Project Status: pending review

Public Notice: 11/16/05 to present

Project Description: Purpose:

The purpose of the proposed project is to restoration of the ecological values of the barranca including wildlife and plant communities. Streambank stabilization using biotechniques will be applied, such as coir rolls and blankets (i.e. brush mattresses); coir fabric soil wraps, consisting of soil-filled fabric "burrito-like" rolls with intervening wattling or pole plantings, and vegetative methods such as live cuttings and fascines or wattles made from willows. Restoration of a healthy plant community, and stabilization of the

streambanks will benefit a more stable stream morphology.

**Project Proponent:** Caltrans, District 7 Agent: Jennifer Leung

**Project Name:** Southbound Ven 101 Hampshire Road to Westlake Boulevard Roadside Ditch Maintenance

**Receiving Water:** 

City/County: Thousand Oaks/ Ventura

**Project Status:** 

**Public Notice:** 11/21/05 to present

**Project Description:** Purpose:

The purpose of the proposed project is to conduct routine maintenance activities to remove accumulated

sediment and vegetation from a roadside ditch to restore capacity to the drainage facility.

Description:

The project proposes to conduct routine maintenance activities to remove accumulated sediment and vegetation from 2 segments of the roadside ditch. Approximately, 40 cubic yards of sediment is to be removed from the roadside ditch. A gradeall, loader and dump truck will operate from the roadway to remove the material from the ditch. The total area of impact to the un-modified roadside ditch is

approximately 9,865 square feet (0.23 acre).

Valerie Carrillo Staff

File No 05-221

**Project Proponent:** Silagi Development Travis Cullen Agent:

**Project Name:** Center Court Medical Plaza

**Receiving Water: Unnamed Drainage** City/County: Agoura Hills/ Los Angeles

**Project Status:** 

**Public Notice:** to present 12/1/05

**Project Description:** Purpose:

The purpose of the proposed project is to provide medical facilities for local community.

# Description:

The Applicant proposes to develop a two-story building with subterranean parking. This will occupy about one fifth of the project site, and ground level parking, driveways, and supporting infrastructure, which will cover the majority of the rest of the 3.21-acre project area. Access will come from a driveway on the southeastern most portion of the site from Canwood Road. The subterranean parking and building will be located along the eastern property boundary with additional ground parking and supporting infrastructure surrounding the building on the north, west, and south.

Some off-site grading will be necessary to the west of the project site to tie in the grading with the existing Agoura Hills Medical Center, which abuts the project on the west. AN extensive retaining wall and interceptor drainage system will be constructed along the eastern portion of the project site to minimize impacts to the wetland and riparian habitats that traverse the eastern property line.

The northern most portion of the project will be graded to a maximum 2:1 cut slope along most of the border. There will be in exception for an area that will be protected by a retaining wall in order to preserve the existing riparian area in the northeastern area of the property. Along the southern border of the project, improvements to the street will be made including the addition of sidewalks and a headwall

at the terminus of the unnamed drainage to tie in with the existing storm drain system.

Staff Valerie Carrillo

File No 05-222

**Project Proponent:** Los Angeles County Department of Public Works

Agent: **Dustin James** 

**Project Name:** Latigo Canyon Road at Mile Marker 2.08 **Receiving Water:** Zuma Canyon Creek and the Pacific Ocean

City/County: Santa Monica Mountains Recreation Area/ Los Angeles

**Project Status:** 

**Public Notice:** 12/1/05 to present Project Description: Purpose:

The purpose of the proposed project is to repair the damaged 30 inch Corrugated Metal Pipe storm drain by replacing it with a 36 inch Reinforced Concrete Pipe, including a headwall and wingwall. Also, part of the roadbed and the failed slope are proposed to be reconstructed.

### Description:

The work will involve rebuilding the failed slope on the south side of Latigo Canyon Road and constructing a warped wingwall and head wall on the north side of the road. The proposed repair of the failed slope is to use 30-inch diameter boulders at the base of the slope. It will be followed by light class riprap, Crushed Misalliance Base, and geotextile fabric with compacted soil overlay at the height of the roadbed. The 30-inch Corrugated Metal Pipe drain will be removed and the 36-inches Reinforced Concrete Pipe install in its place. The road will be repaired with 4 inches of AC pavement over 6 inches of Crushed Misalliance Base.

The proposed work will impact approximately 0.0025 arae of natural area, and approximately 400 cubic yards of fill material will be used to repair the failed slope. The impacted areas for this project also include the Reinforced Concrete Pipe to be installed, which will make up approximately a 15-feet-long section of the streambed.

Staff Dana Cole

File No 05-228

Project Proponent: Castle & Cooke California Incorporation

Description:

Agent: R.C. Body

Project Name: Mountaingate Development

Receiving Water: Bundy Canyon

City/County: Los Angles/ Los Angeles

Project Status:

Public Notice: 12/7/05 to present

Project Description: Purpose:

The purpose of the proposed project involves the final phase of the Mountaingate Development. The project Applicant is planning to subdivide approximately 449.5 acres, adjacent to the existing Mountaingate Development. The result would be the construction of 29 single-family homes and private streets on 25.7 acres along the existing Stoney Hill and Canyonback ridges, leaving the remaining 423.8 acres designated as permanent open space with no additional development permitted. Include in the 423.8 acres is the closed Mission Canyon 8 Landfill site.

The Applicants development of the property would require grading and placement of fill in order to create the two streets and pads for the single-family homes. Grading to form the pads/lots for the area along Stoney Hills and Canyonback ridges would create approximately 1,055,000 cubic yards of earth material is proposed to be graded to remedial existing landslide and soils conditions. The quantity of fill within ACOE jurisdiction will be 242.2 cubic yards of native soils and subsoil. There will be non-native fill material brought into the site.

Staff Valerie Carrillo

File No 05-229
Project Proponent: City of Walnut
Agent: Jason C. Welday

Project Name: Lemon Creek Restoration Project

Receiving Water: San Jose Creek
City/County: Walnut/ Los Angeles
Project Status: pending review
Public Notice: 12/9/05 to present

Project Description: Purpose:

The purpose of the proposed project is to restore native plantings and provide bank stabilization.

Description:

The proposed project will consist of planting native trees and plant materials, construction of erosion control measures, bank stabilization measures, interpretive signage, and improvement of trail access along Lemon Creek. All work is anticipated to be outside of the surface water level of the creek. Dewatering and mass grading will not be necessary during the project. Equipment may be used along the banks of the creek, but will not be allowed within the surface water level of the creek.

e balling of the creek, but will not be allowed within the surface water level of the creek

Staff Valerie Carrillo

File No 05-231

Project Proponent: Ventura County Transportation Department

Agent: Raj Chikkiah

Project Name: Canada Larga Road-County Bridge 303 Storm Damage Repairs

Receiving Water: Canada Larga

City/County: Near City Limits of Ventura/ Ventura

Project Status:

Public Notice: 12/9/05 to present

Project Description: Purpose:

The purpose of the proposed project is to replace the structure for Bridge 303 on Canada Larga Road.

Description

The Applicant proposed to replace the existing bridge with pre cast concrete box structure. The new structure will be 10 feet wide, 30 feet long and 6 feet deep. Concrete wing wall will be constructed at both

upstream and downstream end of the bridge. Creek bed will be graded at both upstream and

downstream to match the new profile of the bridge.

Staff Dana Cole

File No 05-230
Project Proponent: 11 Sea Isle
Agent: Beth Swift

Project Name: Dean Boat Dock, 11 Sea Isle

Receiving Water: Alamitos Bay

City/County: Long Beach/ Los Angeles

Project Status:

Public Notice: 12/9/05 to present

Project Description: Purpose:

The purpose of the proposed project is to install a boat dock to allow the owner to moor the boats.

Description:

The proposed project would consist of installing a "U" shaped floating dock and three 18 feet guide pilings. The Fingers are 6 feet wide by 70 feet long; backwalk is 12 feet wide by 42 feet long, gangway

will be 3 feet wide by 30 feet long and installing three 18 feet guide pilings.

Staff Valerie Carrillo

File No 05-235

Project Proponent: Ventura County Public Works Agency

Agent: Matt Ingamells

Project Name: Arroyo Simi Trunk Sewer Line Project

Receiving Water: Arroyo Simi tributaries to Arroyo Las Posas and Calleguas Creek

City/County: Moorpark/ Ventura

Project Status: pending review

Public Notice: 12/20/05 to present

Project Description: Purpose:

The purpose of the proposed project is to construct a 943-foot long and 21-inch diameter sewer pipeline along the east bank of Arroyo Simi. The repair and replacement was from an existing sewer line that was severed and temporarily repaired in 2003. Future storm events could potentially sever the sewer line again, resulting in contamination to Arroyo Simi. Repair/replacement of the pipeline would allow for the prevention of future potential contamination to Arroyo Simi.

Description:

The pipeline installation activities would include construction of a 21-inch pipeline to connect two existing sewer lines. The pipeline would be tunneled beneath the Union Pacific Railroad and would parallel Arroyo Simi along the base of the east levee. Four 60-inch diameter manholes would be installed or constructed. Construction of the northerly manhole and tunneling of the pipeline beneath the railroad tracks would require access from the north across Arroyo Simi. A temporary crossing would be established with the use of culverts and native fill.

Staff Valerie Carrillo

File No 06-004

Project Proponent: California Department of Transportation

Agent: Paul Caron/Adelina Munoz

Project Name: State Route 60 Widen Freeway for High Occupacy Vehicle between Route 605 and Brea Canyon Boulev

Receiving Water: San Jose Creek tributary to San Gabriel Creek

City/County:

Project Status: pending review

Public Notice: 1/3/06 to present

Project Description: The purpose of the proposed project is to widen State Route 60 with the addition of one high occupancy

vehicle lane in each direction. The project limits extend from Interstate 605 to Brea Canyon Boulevard, an 11.2 miles portion of Route 60. The project includes the construction of pullouts, and sound walls. The project goal is to relieve traffic congestion, improve safety, accommodate oversized trucks and

promote car pools.

Staff Dana Cole

**File No** 06-074

**Project Proponent:** California Department of Transportation

Agent: Paul Caron

Project Name: Route 5/Route 14 HOV Connector Project

Receiving Water: Tributary to Bull Creek
City/County: Los Angles/ Los Angeles

Project Status: pending review

Public Notice: 1/4/06 to present

Project Description: Purpose:

The project will construct a two lane high occupancy vehicle (HOV) connector between Route 5 and Route 14 to provide system continuity for the proposed HOV lanes on Route 5 and Route 14 improving

operations of both freeways.

Description:

The project involves widening the West Sylmar Overhead, where Route 5 crosses over San Fernando Road, railroad tracks and an unnamed drainage originating in Weldon Creek. The widening of the overhead structure requires two sets of 3 columns, parallel to the drainage, to be constructed. In order to avoid the placement of the new columns in the path of the drainage, the unnamed drainage will be realignment slightly to the west to prevent the placement of the column in the drainage. However, one of the columns will be placed on the upper bank of the realigned channel well above the ordinary high

water mark.

Staff Dana Cole

File No 06-006

Project Proponent: Ventura County Watershed Protection District

Agent: Theresa Stevens

Project Name: Sanjon Barranca Emergency Desbis Trap 2005 Fire

Receiving Water: San Jon Barranca, Pacific Ocean

City/County: Ventura/ Ventura
Project Status: pending review

Public Notice: 1/10/06 to present

**Project Description:** 

Purpose:

The purpose of the proposed project is to install a debris dam within the Sanjon Barraca to prevent flooding and debris flows on downstream properties. Approximately 4,000 acres of the Ventura Foothills were burned. Substantial sediment and debris flows are expected in the burned watershed during the rainy season. By constructing a debris dam and installing a low flow drainage pipe in the barranca, newly generated sediment in the burned canyon will be trapped, reducing potential damage to residential, commercial, and infrastructure facilities downstream in the City of Ventura. Accumulated sediment will be removed as needed over the next two to three years, because the burned vegetation in the watershed will take approximately five years to recover. Small repairs to the dam may be made if needed.

## Description:

The proposed debris dam would be constructed of approximately 2,00 cubic yards of rock riprap. It would be approximately 64 feet long (in line with the existing channel) at the base, approximately 40 feet wide (perpendicular to the existing channel), and eight feet wide at the top. The slope of the proposed dam on the upstream side would be 2:1 and the downstream slope would be 5:1. A 48- inch diameter low flow drainage pipe would extend upstream and downstream of the dam to allow low flows to pass through the dam. The dam functions by trapping debris carried by larger storm events that overwhelm the low flow pipe. Thus, the design preserves the low flow channel integrity upstream and downstream of the project. The pipe would be approximately 300 feet long and the temporary work area needed to install the pipe would be approximately 50 feet on either end of the pipe; for a total linear distance of approximately 400 feet for the dam and pipe. The footprint of the debris dam and the low flow pipe is estimated to be approximately 0.10. The temporary work area would be result in approximately 0.04 acre of impact, for a total of 0.15 acres of impact to waters of the United States.

Staff Valerie Carrillo

File No 06-008

Project Proponent: City of Los Angeles
Agent: Wally Stokes

Project Name: Laurel Canyon Bridge (No. 53C-1233) Over Tujunga Wash

Receiving Water: Tujunga Wash tributary to Los Angeles River

City/County: Los Angeles/ Los Angeles

**Project Status:** 

Public Notice: 1/12/06 to present

Project Description: Purpose:

The purpose of the proposed project would be to correct the deficiencies delineated leading to removal of the structure. Specifically, the proposed project would be to widen the bridge to match existing and planned approach roadways and thereby improve the structure's horizontal geometry. In addition, the proposed project would replace the existing bridge railings and expand the 4.5-foot (140-cm) wide sidewalks to 8-feet (244-cm), thereby creating a safer environment for pedestrians. Moreover, the proposed project would and add 8-foot (2.4m) shoulders to both outside lanes, and include a 10-foot (3.05-m) widen median along the center of the bridge. Finally, the existing approach road settlement cracks, present at either end of the bridge, would be repaired to facilitate smoother and safer vehicular movement over the bridge structure.

## Description:

The Laurel Canyon Bridge spans a 66-foot (20.1-m), concrete-lined portion of the Tujunga Wash, which is tributary to the Los Angeles River.

The Bridge is currently striped for four travel lanes (two in each direction), is devoid of shoulders and includes 4.5-foot (140-cm) sidewalks extended along both (north and south) sides. The current curb-to-curb width of the bridge is 62 feet (18.9-m) and its overall length is approximately 66 feet(20.1-m). Several utilities, including a 10-inch (25.4-cm) oil line, 12-inch (30.48-cm) water main, two 5-inch (13.0-cm) and four 4-inch (10.16-cm) fiber optic conduits, and 12 telephone ducts extend through the length of the bridge and are integrated within its structure.

The Applicant proposes to widen both sides of the bridge deck by 39 feet (11.9-m) for a total finished width of 100 feet (30.5-m). The project would improve the Bridges Sufficiency Rating and result in its removal from the Eligible Bridge List (EML) under the federal Highway Bridge Retrofit ad Replacement (HBRR) Program. The increased demand of the water superstructure requires construction of new substructures elements (i.e., abutments at the channel edge). The new portion of the rehabilitated bridge would be constructed of reinforced concrete. No new through lanes would be added over the bridge in either direction at this time.

Staff Valerie Carrillo

File No 06-009

Project Proponent: Southern California Edison

Agent: Maija Benjamins

Project Name: Foot Canyon Access Road Repair

Receiving Water: Santa Clara River

City/County: Los Angeles/Ventura County Lines/ Los Angeles/Ventura

Project Status: pending review
Public Notice: 1/12/06 to present

Project Description: Purpose:

The Applicant proposes to maintain an access road to the Saugus-Fillmore-Santa Clara-Wakefield 66kV sub-transmission line for regular maintenance and emergency access. The existing Applicant transmission system within the are is critical to establishing and maintaining service to the Applicant customers within the Applicant's service territory. Ongoing operation and maintenance activities are necessary to ensure reliable service, as mandated by the California Public Utilities Commission. Description:

The Applicant will be re-establishing approximately 170 feet of the Foot Canyon access road to Saugus-Fillmore-Santa Clara-Wakefield 66kV sub-transmission line beginning 2.25 miles west of Los Angles/Ventura County Line of Route 126 (north of the Santa Clara River) and continuing North for approximately 170 feet. The access road was damaged during the 2005 wet season and requires fill material in the form of native soils to re-establish access. Activities will include re-establishing two stream crossings by replacement of a culvert that was washed out, installing a new culvert where the creek eroded the access road, and the re-grading of approximately 170 feet of access road. Each of the stream crossings would consist of a 25-foot long 36-inch diameter walled plastic culvert placed within the stream channel. Native soils would be placed within the channel and regarded to reform the 12" wide access road. Approximately 150 foot section of the access road will be re-graded to re-establish access. Two areas less than 10' in length will also require infilling and re-grading. The re-grading activities may involve the discharge of native soils into the stream bottom. The amount of cut and fill will minimize to the smallest amount necessary to ensure safe access/passage. Work within the area would be conducted with a 416D backhoe and/or a 672 CH grader. No riparian vegetation will be impacted.

Staff Dana Cole

**File No** 06-011

Project Proponent: Robin Hambley

Agent:

Project Name: Clear Model Airplane Field

Receiving Water:

City/County: Sylmar/ Los Angeles
Project Status: pending review

Public Notice: 1/13/06 to present

Project Description: Purpose:

The purpose of the proposed project is to clean up the model airplane site by transporting material to lower spots in the basin or placing the material in mounds by the Pacoima Wash within the Lopez Dam

Flood Control Basin.

Staff Dana Cole

File No 06-018

Project Proponent: Ventura County Watershed Protection District

Agent: Theresa Stevens

Project Name: South Branch Arroyo Conejo Culvert Improvement Project

Receiving Water: Arroyo Conejo

City/County: Thousand Oaks/ Ventura

Project Status: pending review

Public Notice: 1/17/06 to present

> The purpose of the proposed project is to increase the storm water capacity of the existing culvert at Hillcrest Drive. The purpose is so that it will convey run-off from a 100-yer storm, and prevent flooding of Hillcrest Drive and adjacent urban land uses during extreme storm events.

Description:

The project includes the construction of an additional box culvert under Hillcrest Drive, and

improvements to the existing concrete-lined channel upstream and downstream of Hillcrest Drive. The project reach encompasses approximately 370 linear feet of the South Branch Arroyo Conejo channel.

Valerie Carrillo

File No 06-013

Staff

**Project Proponent:** Los Angeles County Department of Public Works

Agent: Belinda Kwan

San Dimas Canyon Spreading Grounds Restoration **Project Name:** 

Receiving Water: San Dimas Wash City/County: San Dimas/ Los Angeles

**Project Status:** pending receipt of complete application

**Public Notice:** 1/20/06 to present

**Project Description:** Purpose:

The spreading grounds basins, earthen channel and the culverts underneath Romola Avenue were either damaged or washed out by spillway flows from the upstream Puddingstone Diversion Dam during the January 2005 Storm Disaster, including the portion of San Dimas Wash that passes through the basins. The basin levees, earthen channel, and culverts under Romola Avenue need to be repaired and restored.. The project will restore water conservation efforts of approximately 1600 acre-feet per year, emergency vehicle access from San Dimas Canyon Road to the neighborhood adjacent to the spreading grounds facility, and prevent potential erosion of the channel behind residential property located below the spillway of Puddingstone Diversion Dam.

#### Description:

The Applicant proposes to restore the project within two stages. During the first stage, anticipated to being immediately after permit approval, the four 24-inch CMP culverts beneath Romola Avenue will be extended and the wash regarded to accommodate the passage of low flow beneath Romola Avenue during the 2005-06 storm season. During the second stage of the facility restoration, anticipated to begin in 2007 or 2008, the culverts will be replaced with the same size or larger culverts to ensure the passage of flow. In addition, earth-moving equipment will be used within San Dimas Wash to repair the basin levees and earthen channel, to reconfigure the damaged basins, and create channels to convert water to the basins. Regarding will result in one channel to direct major storm flow and spillway flow and one to two low-flow (less than 50 cfs) channels to convey water to the spreading basins. It is expected that large flows (greater than 2,000 cfs) will wash out the spreading basins. To increase spreading efficiency and reduce maintenance efforts, the basins will be reconfigured within the existing footprint resulting in fewer, larger basins. The exact configuration and number of basins and channels will be determined during the final design. Native material on-site and from the upstream San Dimas Sediment Placement Site or Dalton Sediment Placement Site will be used to repair the basin levees.

Staff Valerie Carrillo

06-014 File No **Project Proponent:** Tom Lucas

Agent:

**Project Name:** Santa Clara River Bank Restoration at Tom Lucas Property

Santa Clara River **Receiving Water:** City/County: Piru/ Ventura **Project Status:** pending review **Public Notice:** 1/23/06 to present

**Project Description:** Purpose:

The purpose of the proposed project is to restore agricultural property eroded by the 2005 flood in the

Santa Clara River.

Description:

The Applicant proposes to import fill material to restore the bank that will not be placed in flowing water.

Staff Dana Cole

File No

Project Proponent: Los Angeles County Department of Public Works

Agent: Michele Chimienti

Project Name: Big Tujunga Seismic Rehabilitation and Spillway Modification

Receiving Water: Tujunga Creek

City/County: Los Angeles/ Los Angeles

Project Status: pending review

Public Notice: 1/24/06 to present

Project Description: Purpose:

The purpose of the proposed project is to thicken the existing dam with the placement of new concrete on the downstream face of the dam. The existing parapet walls on the crest and abutments will be raised to contain and direct flows to the spillway. In addition to creating a thick-arch dam face and building raised parapet walls, other modification include, but are not limited to, installing a new dam controls system; a new control house; new valves and valve chamber; a new boat dock; a new raised above-ground diesel tank for emergency power generation; connecting a 2-inch waterline between both abutments across the dam crest; and constructing a permanent access road.

## Description:

During construction, releases from the dam will bypass the plunge pool through a temporary pipeline. The temporary stormflow bypass will be employed to keep the area immediately downstream of the existing dam dry for the excavation of the foundation of the thickened arch. The temporary pipeline will extend through Penstock Number 1. A cofferdam will be used to keep the water in the downstream area of the plunge pool from entering the excavation area. The bypass pipeline will have a capacity of approximately 200 cubic feet. An existing slide gate at Penstock Number 1 will be utilized to stop dam outflows if needed, however, it is anticipated that the gate will be kept 100 percent open during construction activities. The contractor is expected to route the pipe along the existing plunge pool stream bank and discharge flow downstream of the work limits into the native streambed. Utilizing the pipeline will maintain the existing discharge operations during construction and enable the reservoir to mimic natural conditions for typical annual storm event.

Staff Valerie Carrillo

**File No** 06-016

**Project Proponent:** California Department of Parks and Recreation

Agent: Richard Burg

Project Name: Topanga State Park, Public Use Improvements

Receiving Water:

City/County: Los Angeles/ Los Angeles

Project Status: pending review

Public Notice: 1/24/06 to present

Project Description: Purpose:

The purpose of the proposed project is to divert partial flows from a Los Angeles County storm drain system into a previous constructed stream course at the Los Liones Day Use Area in Topanga State park. The water diversion is designed to de-silt run-off from Topanga Canyon, minimize irrigation of the native vegetation on-site, create additional water sources for wildlife and invertebrate species, and potentially recharge the aquifer.

Description:

The shunt will consists of 12 inch Reinforced Concrete Pipe. The will involve excavating a trench approximately 0.6 m (2ft) deep and 0.5m (18 in) wide and installing approximately 50 m (164 ft) of RCP. The trench will then be backfilled and revegetated to pre-construction conditions. In addition to trenching, directional boring may be conducted to install the RCP. A pit (2m x 2m x 1m deep) will be excavated at

the inlet culvert in order to tie in the RCP.

Staff Dana Cole

Project Proponent: Vintage Marina Partners

Agent: Greg Asher

Project Name: Design, Demolition and Construction of Parcel "D" & "E"

Receiving Water: Channel Islands Harbor

City/County: Oxnard/ Ventura

Project Status: pending review

Public Notice: 1/25/06 to present

Project Description: Purpose:

The purpose of the proposed project is to modernize and reconstruct an existing recreational boat

marina.

Description:

The project is composed of the replacement of an existing marina dock system and gangways with a new dock system and gangways. The existing docks have served their useful life and are in an advanced

stage of deterioration and represents safety hazards.

The current mix design incorporates 501 boats sized from 25 ft to 48 ft, with the average size boat being approximately 29.7 ft. The proposed marina incorporates 419 boats raging in size from 16ft to 52 ft, relating to an average boat length of 36.5. Although the proposed boat length average is below current market trends, it does reflect the general tendency in marina redevelopment in the State of California to

meet the market needs for a larger boat mix.

Staff Dana Cole

File No 06-022

Project Proponent: Southern California Gas Company

Agent: Gary Witt

Project Name: Line 1011, MP 2.93-3.02, Exposure at Hall Canyon

Receiving Water: Hall Canyon Creek
City/County: Hall Canyon/ Ventura
Project Status: pending review
Public Notice: 2/2/06 to present

Project Description: Purpose:

The purpose of the proposed project is to rebury the exposed pipe to protect it from debris and erosion that may cause pipeline failure. The road needs to be repaired to provide access to the pipeline facilities for maintenance and inspection. The new culverts, as bank protection, are intended to reduce future erosion and subsequent re-exposure of the pipeline.

Description:

The Applicant proposes to rebury the pipeline beneath the Hall Canyon Creek bed at its current location. The other exposed pipeline will not be removed and an existing slab of concrete will be removed and disposed off site, to be replaced by the new work to stabilize the culverts and access road. The top of the exposed portion of Line 1011 will be overlaid with 12 inches of sand and six, 5-foot PVC culverts. Three feet of 2-sack slurry will be poured over and around the culverts with up to a 4-fppt deep layer of native fill material over the culverts. The access road will be repaired and graded on top of the culverts. The slurry will be contained in the work area and not released into the creek. An estimated 200 tons of rip rap (1 to 3 foot boulders) will be applied to a 25-foot wide by 25-foot long area starting from the realigned road and ending upstream to alleviate future erosion and scour. The riprap will also be extending 4 feet

up the banks. Most of the riprap will be emplaced on the former road alignment.

Staff Dana Cole

File No 06-023

Project Proponent: Los Angeles County Department of Beaches and Harbors

Agent: Paul Wong

Project Name: Marina Beach Water Quality Improvement Project

Receiving Water: Marina Del Rey Harbor

City/County: Marina Del Rey/ Los Angeles

Project Status: pending review

Public Notice: 2/2/06 to present

The purpose of the proposed project is to reduce or eliminate bacterial contamination at Marina Beach.

Description

The Applicant proposes to use a storm drain collection system to divert the surface runoff flows from Basin "D" to Basin "C" which is south of Panay Way. It will be done by constructing approximately 2,600 linear feet of 24" and 30" RCP, and a series of junction structures, transition structures and manholes to convey the water. The storm drainage pipe will go under the existing seawall and outflow into Basin "C". The basin currently has several public slips used for docking boats. Construction at the seawall will begin by jacking a 30" pipe under the wall. In order to do this, a cofferdam, approximately 20' x 30", will be installed adjacent to the seawall. The seawater behind the cofferdam will be pumped back into Basin C to allow workers to remove the existing riprap and construct the concrete outlet structure around the pipe. Once the storm drain is completed, the seawater will be allowed to flow against the seawall after the cofferdam is removed.

Staff Dana Cole

**File No** 06-015

Project Proponent: Ventura County Watershed Protection District

Agent: Jeff Pratt

Project Name: Ventura River Bank Protection Upgrade at Casitas Springs (Phase II)

Receiving Water: Ventura River

City/County: Casitas Springs/ Ventura

Project Status: pending review

Public Notice: 2/3/06 to present

Project Description: Purpose:

The purpose of the proposed project is to reduce the flooding in Casitas Springs. The area that periodically flooded Casitas Springs (landward of the levee) required better drainage into Ventura River.

Description:

The Applicant proposes to raise the elevation of the existing levee along approximately 2,140 feet of the east bank of the Ventura River. The project activities also includes construction of a 480-foot long floodwall, removal of existing concrete slabs and pavement, removal of existing trees, planting of seventeen trees (sycamores), realignment of approximately 350 linear feet of the bike path, and construction and/or improvement of two pipe culvert outlets that would drain to the Ventura River.

Staff Valerie Carrillo

File No 06-027

Project Proponent: Camulos Ranch Company

Agent: Matthew Freeman

**Project Name:** 2005 Piru Creek Storm Damage Repairs **Receiving Water:** Piru Creek tributary to Santa Clara River

City/County: Piru/ Ventura

Project Status: pending review

Public Notice: 2/6/06 to present

Project Description: Purpose:

The purpose of the proposed project is to restore Piru Creek to its original channel by pushing streambed material to banks property and drain pipes lost during the storm damage and dam releases

from 2005 causing emergency declaration.

Description:

The Applicant will construct a pilot channel beginning immediately upstream from the storm damage banks and form fields placing streambed in historic center of channel. Heavy equipment such as dozer or excavation would be used to construct, remove or push existing riverbed material into damage areas

reestablishing streambed.

Staff Valerie Carrillo

Project Proponent: City of Oxnard, Parks and Facilities

Agent: Gary Nichols

Project Name: Patterson Drain Project
Receiving Water: Santa Clara River
City/County: Oxnard/ Ventura
Project Status: pending review
Public Notice: 2/7/06 to present

Project Description: Purpose:

The purpose of the proposed project is created a sandbar between the invert elevation of the outfall culvert and the natural flow line of the Santa Clara River. This was caused by the winter storm events where the Santa Clara River eroded its banks upstream of the River Ridge Golf Course and deposited silt and sand downstream at the outfall of the City owned Patterson Drain which is used as a storm water conveyance system. The blockage has created impounded water in the box culvert under Victoria Boulevard and the Patterson Drain located on the Coastal Landfill adjacent to the River Ridge Gold

Course.

Description:

The Applicant proposes to make correction measures including a channel eight feet wide from the invert elevation of the six foot wide box culvert to the natural flow line of the Santa Clara River to relieve the impounded water and cleaning of the box culvert under Victoria Boulevard to the Patterson Drain

junction.

Staff Valerie Carrillo

**File No** 06-030

Project Proponent: City of Ventura Agent: Jerry Revard

Project Name: Kalorama Street Drain

**Receiving Water:** 

City/County: San Bueaventura State Beach/ Ventura

Project Status: pending receipt of complete application

Public Notice: 2/8/06 to present

**Project Description:** The purpose of the proposed project is to remove less than 25 cubic yards of sediments at two locations.

Removing accumulated sediments using hand tools from the down stream channel, removal of trash and some minor trimming of willows also to promote flow in the main channel. It is the Applicants desired to complete the project prior to a major rain event because the upper watershed has been recently burned in a wild fire. The project is anticipated to be completed within one day and will not require water diversion. Pressured water may be used to remove sediments now filling three 36-inch culverts that drain water from Highway 101. There will be no vehicles on the beach and minimum impact on the riparian

vegetation.

Sediments will be removed from the outfall of the concrete drain that is 144 inches wide and 68 inches deep that open just south of Harbor Boulevard. The second location is several yards down stream where the drain opens again south of the paved bike path. A backhoe will be stationed on adjacent paved

surfaces to scoop out sediments, which will be removed from the site.

Staff Valerie Carrillo

File No 06-028

Project Proponent: City of Los Angeles, Department of Public Works, Bureau of Engineering, Environmental

Agent: Lisa Doran-Dugas

Project Name: Vermont Avenue South of pacific Coast Highway (W.O. E6000767)

Receiving Water: Harbor Lake

City/County: Los Angeles/ Los Angeles

Project Status:

Public Notice: 2/9/06 to present

The purpose of the proposed project is to eliminate the flooding problem. A secondary goal of the project will be to eliminate jut-outs by widening portions of the western side of Vermont Avenue between Pacific Coast Highway and Normandie Avenue.

# Description:

The Applicant proposes to raise the elevation of a portion of Vermont Avenue south of Pacific Coast Highway to alleviate flooding and construct a storm drain and outlet into Machado Lake. A storm drain system will be constructed along Vermont Avenue and within a portion of the Ken Malloy Harbor Regional Park (KMHRP) to a new storm drain outfall into Machado Lake within the KMHRP. The storm drain will incorporate a pollution removal system, reducing the amount of pollutants entering the lake. The City of Los Angeles is also proposing to widen the western half of Vermont Avenue from pacific Coast Highway to Normandie Avenue. The western half of Vermont Avenue will be widened to a half-roadway width of 40 feet with a 12 foot sidewalk. Vermont Avenue currently varies in width from a half-roadway width of between 20 and 30 feet with variable sidewalk and parkway easement widths of between 12 and 30 feet on the western side of the street, The road work will be constructed within the existing City of Los Angeles right-of-way, with the storm drain construction being done within the property operated and maintained by the City of Los Angeles Department of Recreation and Parks.

Staff Dana Cole

File No 06-031

Project Proponent: Naval Base Coronado

Agent: Kathleen Harrison, NAVFAC Southwest

Project Name: Military Construction P-493 Operational Access to SHOBA

Receiving Water: Pacific Ocean

City/County: San Clemente Island/ Los Angeles

Project Status: pending review
Public Notice: 2/14/06 to present

Project Description: Purpose:

The purpose of the proposed project is to prevent deterioration and washout of the existing Assault Vehicle Maneuver Road (AVMR). It will improve training and provide safe, all-weather, operational access on San Clemente Island (SCI) for the transport of explosive ordnance, electronic equipment, emergency response and tracked vehicles, and personnel to locations throughout the island. It will include remote observation posts in SHOBA, while avoiding sensitive natural and cultural resources. The purpose is also to improve training at SCA Range Complex by providing increased access while avoiding sensitive natural and cultural resources.

# Description:

The need for the proposed action is to safeguard personnel, minimize vehicle damage, improve training opportunities, and provide emergency response. Use of the deteriorating roadways over the last 10 years has caused extensive damage to vehicles and equipment, as well as injury and death of personnel. Current conditions compromise safety and limit or prevent road access, due to sever potholes, erosion, and slope failures including mudslides. Limited road access potentially affects many areas of the island including access to SHOBA training areas, water tanks, aviation, electronic, and communication facilities.

Staff Dana Cole

File No 06-029

Project Proponent: City of Santa Paula
Agent: Clifford G Finley

Project Name: Harvey Diversion and Fish Ladder Repairs and Improvements Phase I and II

Receiving Water: Santa Paula Creek
City/County: Santa Paula/ Ventura
Project Status: pending review
Public Notice: 2/14/06 to present

**Project Description:** The purpose of the proposed project is to restore the condition of the diversion structure to its condition

prior to the storms. The project is in the process of receiving Federal Emergency Management Agency reimbursement to repair the diversion structure and fish ladder to its pre-storm condition. As part of the work, existing fish ladder boxes will be repaired and extended to meet the new creek bottom elevation.

Staff Valerie Carrillo

Project Proponent: Caltrans, District 7

Agent: Aziz Elattar

Project Name: State Route 33 Corral Canyon Bridge Maintenance

Receiving Water: Corral Canyon Creek to the Cuyama River

City/County: Ventura/ Ventura

Project Status: pending review

Public Notice: 2/21/06 to present

Project Description: Purpose:

The purpose of the proposed project is to remove accumulated sediment from the underneath bridge and channel to restore capacity to the drainage.

# Description:

The project proposes to remove accumulated sediment in the vicinity of the bridge. The work will entail excavating sediment underneath each bridge to lower the channel bed to its historic level. Material will then be removed up and down drainage to create a smooth flow-line through the bridge area. Sediment removal will occur further downstream rather than upstream to create a smooth flow-line and transition from the bridge excavation. Sediment removal will extend 150 feet upstream and 300 feet downstream. The bridge is approximately 30 feet wide and 40 feet long. The total area of excavation is 19,220 square feet (0.44 acres). Existing access points immediately adjacent to the bridge will be used to allow for access into the channel. Equipment required for the activity includes a front-end loader or bobcat and dump trucks. Excavated material will be disposed of to an off-site location. The depth of excavation is expected to be 8 feet for a volume of 2500 cubic yards. The impacts will be temporary since the alluvial materials will gradually deposit based on the frequency and duration of drainage flow through the channel. Therefore, there are no permanent impacts as the result of the proposed project because the channel bed and bank will no be modified in substrate.

Staff Valerie Carrillo

File No 06-040

Project Proponent: Caltrans, District 7

Agent: Laura Peltz

Project Name: Sediment Removal, Ven-01 at Postmile 0.44

Receiving Water: Pacific Ocean

City/County: Unincorporated/ Ventura

Project Status: pending review
Public Notice: 2/21/06 to present

Project Description: Purpose:

The goal of the project is to remove accumulated sediment from the bed of a stream channel adjacent to northbound State Route 1 at Postmile 0.44. The sediment washed down during the 2005 Winter storm season, and the project is needed in order to restore the capacity of the channel to prevent water and debris from flowing onto the highway during future storms.

## Description:

This project proposes to excavate approximately 300 cubic yards of accumulated sediment from the streambed. The stream is an unmodified, soft-bottomed channel. The permanent area of impact extends 135 upstream from where the drainage enters a standpipe drain and crosses under the freeway. The width of the excavation is 12 feet wide for a total permanent impact area of approximately 1620 square feet (0.04 acre). An excavator will operate from within the channel. Equipment access to the streambed will be from an existing pullout located directly to adjacent to the channel. A temporary path 13 feet wide by 18 feet long will be cut into the stream bank for equipment to enter the channel. Total temporary impact to the bank is 234 square feet (0.05 acre). Vegetation will not be removed for this project, with the exception of the temporary equipment access path, and a few scattered individuals in the channel. Vegetation on the banks of the channel will not be cleared. However, overhanging branches may be damaged by equipment operating the channel or may require trimming. Impacts to wildlife include potential disturbance of nesting birds and other animals (including occupants of the wood rat nest) due to noise and proximity of workers and equipment. The wood rat nest is outside the area of direct impact and would not be removed.

Staff Valerie Carrillo

Project Proponent: City of Fillmore Agent: Bert Rapp

Project Name: Sespe Creek Levee and Bike Path

Receiving Water: Sespe Creek tributary
City/County: Fillmore/ Ventura
Project Status: pending review
Public Notice: 2/27/06 to present

Project Description: Purpose:

The purpose of the proposed project is to provide a flooding protection for the site of the proposed Water

Recycling Plant.

Description:

The project consists of flood control improvements to protect the site of the City's proposed Water Recycling Plant, and the extension of the existing bike path along the levee north of SR 126. The levee will be earthen with a soil cement core, and constructed along the east bank of the eastern branch of Sespe Creek at the SR 126 bridge Fillmore. Six cabled rock groins will be installed and buried below the existing streambed elevation to protect the levee from scour. An access road will be constructed on the top of the proposed levee to be used as a share access road/bike path. In addition, a bike path

extension will be constructed, including an undercrossing of the SR 125 bridge.

Staff Valerie Carrillo

File No 06-036

Project Proponent: BNSF Railway Company

Agent: Lisa Kegarice, Tom Dodson & Associates
Project Name: BNSF San Gabriel River Bridge Widening

Receiving Water: San Gabriel River

City/County: Pico Rivera/ Los Angeles

Project Status: pending review
Public Notice: 2/27/06 to present

Project Description: Purpose:

The purposed of the proposed project is to widen the existing bridge over the San Gabriel River to

accommodate a third mainline track.

Description:

The Applicant proposes to construct a third mainline track between the cities of Commerce and Fullerton. The current phase under construction will require the railroad bridge over the San Gabriel River be widened to accommodate the third mainline track. The bridge will be widened approximately 40 feet. The six piers that lay below the Ordinary High Water Mark will be widened by 16 feet. Each of the six piers extension will be 14 feet wide by 16 feet long totaling 1,344 square feet or 0.03 acres. The construction will require a temporary impact area of approximately 100 feet wide by 200 feet long. The temporary impact areas will be used to construct false work, a temporary bridge if necessary, and a temporary access road. The bridge will be constructed by driving large H-piles. The H-piles will be

encased in concrete.

Staff Valerie Carrillo

**File No** 06-037

Project Proponent: Los Angeles County Sanitation District

Agent: Steven W. Highter

Project Name: Compton Creek Trunk Sewer Rehabilitation

Receiving Water: Compton Creek
City/County: Compton/ Los Angeles

Project Status: pending review

Public Notice: 3/3/06 to present

The purpose of the proposed project is to rehabilitate an existing sewer that is cracked and in need of

repair.

Description:

The project will require the placement of two 18-inch diameter HDPE sewage bypass lines in Compton Creek while the rehabilitation work occurs. In addition, a cofferdam will be placed downstream of the project site that would have an opening to allow normal flows to pass through, but could be sealed in the

unlikely event of an emergency spill.

Valerie Carrillo Staff

File No 06-038

**Project Proponent:** Los Angeles Department of Public Works

Patricia Wood Agent:

**Project Name:** Santa Anita Dam Headwork's Access Road Restoration

Santa Anita Wash, Rio Hondo Flood Control Channel, Los Angeles River Receiving Water:

City/County:

**Project Status:** pending review **Public Notice:** 3/3/06 to present

**Project Description:** Purpose:

> The goal of the proposed project is to restore the damaged road and its embankment to provide an alternate route for vehicle access to the dam for emergency repair and routine maintenance and dam

safety monitoring activities.

Description:

The 2005 storm season washed out a 1600-foot long segment of the 16-foot wide access road to the base of Santa Anita Dam. The scoured access road and earthen bends will be restored to a 12-foot wide compacted fill road with a 16-foot wide base. The estimated 5,630 cubic yards of fill needed for the repair will be collected from the watershed's Santa Anita Sediment Placement Site, and will be

compacted for stability. Repairs will be made using earth moving and compaction equipment staged on

the intact portion of the access road.

Staff Valerie Carrillo

File No 06-041

Project Proponent: City of Glendale Agent: Jake Amar

**Project Name:** Brand Park Landfill Streambed Bypass **Receiving Water:** Los Angeles River Verdugo Wash Influence

City/County: Glendale/Los Angeles

**Project Status:** pending review

**Public Notice:** 3/7/06 to present

The purpose of the proposed project is to install a 12 inch pipe to divert streambed flow around a landfill waste prism (under drain collapsed) to eliminate streambed flow disruption.

# Description:

A temporary bypass line consisting of a 12-inch polyethylene, smooth wall corrugated pipe was installed across the existing landfill access road. The purpose of the installation was to transfer storm flow around the landfill to the location of the outlet of the failed underdrain to maintain natural flow to the lower portions of the Pomerory Canyon drainage. Two 2500 gallons per-minute (gpm) pumps will be used to drain the ponded water during and after each significant rain event. It will eliminate any streambed diversion above or below the landfill prism itself.

Additional, minimal flow from the failed underdrain outlet that may be contaminated with light to moderate levels of TDS, conductivity, TSS and turbidity. To mitigate the percolation and surface flow of the material, a four-inch PCV drain line will be installed in the sealed outlet of the underdrain and will run approximately 2500 feet to the sewer manhole located in the Parks Maintenance Yard.

The temporary bypass drainage system will be removed upon completion of the new underdrain to be installed during summer 2006 as a separate project. The leachate-to-sewer line will remain in place and be maintained permanently.

The underdrain project includes 1} the sealing of the underdrain inlet that was completed in June 2005 2) the installation of the temporary bypass system, and 3) the sealing of the outlet that includes the direct connect to the sewer in the park.

Staff Valerie Carrillo

File No 06-042

Project Proponent: Los Angeles County Department of Public Works

Agent: Michael Miranda

Project Name: Sawpit Wash-Invert Overlay

Receiving Water: Sawpit Wash, Rio Hondo Channel, Los Angeles River

City/County: Monrovia/ Los Angeles

Project Status: pending review

Public Notice: 3/13/06 to present

Project Description: Purpose:

The purpose of the proposed project is to repair damage to the Sawpit Wash channel invert.

Description:

The project consists of repairing approximately 6,126 linear feet of concrete lined channel. The existing concrete lined channel is 25 feet wide and 24,000 feet long. The repair work includes removing deteriorated concrete invert in five sections, to a depth of two inches. All steel reinforcement will remain in place. There will be heavy equipment used inside the concrete channel. Construction will occur in the dry season, where the low flows can be diverted away from the areas of repair.

Valerie Carrillo

File No 06-045

Staff

Project Proponent: Los Angeles Department of Water and Power

Agent: Mark Bassett

Project Name: City Trunk Line South Construction Project Receiving Water: Tujunga Wash & Los Angeles River

City/County: Los Angeles/ Los Angeles

Project Status: pending review

Public Notice: 3/16/06 to present

> The purpose of the proposed project is to allow greater operational flexibility of the water distribution system in the City of Los Angeles. Another purpose is to provide a more reliable supply of water to the San Fernando Valley area of the City of Los Angeles. The project involves the installation of approximately 42,350 linear feet (about 8.2 miles) of 51 to 66-inch diameter welded steel potable pipeline.

Description:

At the two points where the project alignment crosses the Tujunga Wash and the Los Angeles River, the pipeline will be hung from under the bridges currently in place. At the location where Magnolia Boulevard crosses the Tujunga, a diameter pipe of 5/8" thickness will be hung across the 70' span of the bridge that traverses the Tujunga Wash. At the intersection of Coldwater Canyon Avenue and Valley Heart Drive, a 60" diameter pipe of 5/8" thickness will be hung across the 60' span of the bridge traverse the Los Angeles River. The construction will require structural reinforcement at the culvert/bridge locations that will include the installation of pipe hangers and modifications to the bridge abutments.

Staff Valerie Carrillo

File No 06-046

**Project Proponent:** Naval Base Ventura County

Agent: Emilie N. Lang

Project Name: 11th Street Bridge Demolition and Removal Project

Receiving Water: Callagus Creek City/County: Point Mugu/ Ventura **Project Status:** pending review **Public Notice:** 3/17/06 to present

**Project Description:** Purpose:

The project is proposed for the demolition of the old non-functional, water supply and return bridge located on the southeast section of NAS Point Mugu. The work will serve two purposes. The first is to remove a damage unusable structure from over the Calleguas Creek. The second is that the demolition, if performed with the use of explosives, would serve as a real time training exercise for the navy underwater construction teams. It must be noted that the preferred demolition action to be taken is to include the use of explosives. If the work is not to include the use of explosives, an outside contractor may be selected to perform the work.

Continuing flooding and storm action in the Calleguas Creek could potentially take out the old bridge suddenly and violently. A sudden and uncontrolled collapse of the structure could causes significant damage to the new span tat lies just 26" above it. Damage might include the rupture of the new water and sewer supply and return lines, potentially causing a serious environmental hazard situation. In addition, the debris from the collapsed bridge could impede the natural flow of the creek potentially

causing flooding of that portion of the base.

Staff Valerie Carrillo

File No 06-047

**Project Proponent:** Ventura Regional Sanitation District

Agent: Catrina Mangiardi

**Project Name:** Toland Road Landfill Detention Basin Project **Receiving Water:** O'Leary Creek tributary to the Santa Clara River

City/County:

**Project Status:** pending review **Public Notice:** 3/20/06 to present

**Project Description:** Purpose:

The purpose of the proposed project is to recontour and enlarge an existing ephemeral drainage and create a detention basin to accommodate runoff and flood flows originating on the Toland Road Landfill.

Description:

Construction of the detention basin will impact approximately 0.28 acres of an ephemeral stream. Construction of the detention basin will require grading, excavations and recontouring/enlarging of as well as discharge of clean native earthen fill, concrete and concerted riprap into the existing stream. The excavated materials will be used as daily cover for the landfill. The detention basin will retain many of the functions of the ephemeral stream currently provides and will also increase shallow groundwater percolation, which may help recharge the shallow groundwater aquifer or local soil moisture.

Staff Dana Cole

File No 06-048

Project Proponent: Synergy Brookfield, LLC

Agent: Sherri Conley, Vandermost Consulting Services

Project Name: Tract 60258 Project
Receiving Water: Santa Clara River

City/County: Santa Clarita/ Los Angeles

Project Status: pending review
Public Notice: 3/21/06 to present

Project Description: Purpose:

The purpose of the proposed project is to develop 499 dwelling units.

Description:

The project consists of five buildable pads, separated by manufactured slopes, to accommodate changes in elevation grade. The project consists of four residential building pad areas; a 17.0 pad is proposed for 96 single-family units, and three pads are proposed for approximately 403 multi-family condominium and apartment units. In addition, the project includes a trail system that connects to regional trails as well as on-site trails. The future cross-valley connector road, Newhall Ranch Road, will provide access to the project site. The project also includes the extension of Golden Valley Road to Newhall Ranch Road; however, approximately 1,890-feet of Golden Valley Road is located outside the project boundaries. In order to provide access to the project site and comply with regional transportation plans, the Applicant proposes to construct the off-site 1,890-foot roadway segment as part of the project.

Staff Valerie Carrillo

File No 06-049

Project Proponent: California Whitebird Incorporation

Agent: Tony Bomkamp, Glenn Lukos Associates

Project Name: Canyon Hill Project

Receiving Water: Ephemeral drainage tributary to La Tuna Canyon Creek

City/County: Los Angeles/ Los Angeles

Project Status: pending review

Public Notice: 3/21/06 to present

Project Description: Purpose:

The purpose of the proposed project is to construct a residential community within the City of Los Angeles. The proposed development will attenuate the housing demand in the Los Angeles County. The proposed development is not a water-dependent activity.

Description:

The project includes 221 residential units, clustered on the north side of Interstate 210 approximately 142 acres. The development is coupled with significant accessible acreage permanently dedicated as public open space that will be available to hikers and equestrians alike and affords a more positive overall land use pattern in the community. The project will require discharge of fill material during the project grading into 1.77 acres of Corps Jurisdiction. The Project will not discharge fill into wetlands.

Staff Valerie Carrillo

File No 06-052

Project Proponent: Norman Howell Agent: Tiffany Rothman

Project Name: Howell Residence Project

Receiving Water: Flood plain along Hasley Canyon Road at Sloan Canyon Road

City/County: Castaic/ Los Angeles

Project Status:

Public Notice: 3/24/06 to present

Project Description: Purpose:

The goal of the project is to repair to flood damage caused during the 2004 storms by grading in flood

way.

Description:

The applicant proposes to repair existing channel erosion damage with open graded riprap. Addition of

riprap protection up from bank at flood way/ flood zone interface.

Staff Valerie Carrillo

File No 06-053

Project Proponent: Los Angeles County Department of Public Works

Agent: Dale Sakamoto

Project Name: Los Angeles River Low-Flow Channel Repair

Receiving Water: Los Angeles River
City/County: Studio City/ Los Angeles

Project Status: pending review
Public Notice: 3/27/06 to present

Project Description: Purpose:

The purpose of the proposed project is to restore the structural integrity and serviceability of a section of the low flow channel between Tujunga Avenue and Laurel Canyon Boulevard. The Los Angeles River low-flow channel is 5020 feet of 12' wide by 3'2" deep reinforced concrete channel along the centerline of a concrete section of the river.

Description:

The project involves a 4-inch overlay on 1265 feet of existing invert and repairing the damaged areas on the wall with high strength, silica fume enhanced, shrinkage-compensating Portland cement concrete with E-gradation combined aggregate.

The City of Los Angeles Bureau of Sanitation's Tilman Reclamation Facility discharges reclaimed water of approximately 46 cubic feet per second into the low flow channel at Station 969+00. Constant reclaimed water and storm water, combined with waterborne silt and sediment has eroded the invert and exposed steel reinforcement. Several low flow panels show edge spalling, cracks and exposed steel.

The overlay area is approximately 15,000 square feet. The contractor will be responsible for dewatering

the low-flow channel and diverting the flows from the side inlet drains.

Staff Valerie Carrillo

File No 06-055

Project Proponent: Cayman Burbank, LP
Agent: Micheal Eadie

Project Name: Burbank Hills (Tract 35035)

Receiving Water:

City/County: Burbank/ Los Angeles

Project Status:

Public Notice: 3/27/06 to present

Project Description: Purpose:

The purpose of the proposed project is to removal sediment, road maintenance and miscellaneous maintenance operations for Debris and Detention Basins.

Description

The project proposes to discharge dredged and fills material into intermittent drainage while grading for residential development of 140 lots (129 single-family lots; 11 lots in debris basins and open space). Approximately 2,200, 000 cubic yards of earth will be moved during the grading stage of construction.

Staff Valerie Carrillo

**File No** 06-054

Project Proponent: Boeing Company
Agent: Mr. Steve Lafflam

Project Name: Outfall 012 Ephemeral Drainage Deluge Water Temporary Containment Structure

Receiving Water:

City/County: Simi Hills/ Ventura

Project Status:

Public Notice: 3/27/06 to present

Description:

The project proposes to construct a temporary containment structure in the ephemeral stream channel below the Alfa Test Stand to contain quench water during rocket testing. The structure will be made of gabions filled with crushed rock, and/or potentially a sand/earth cover, bentonite clay sheeting, or a plastic sheeting outer layer cover to maximize the integrity of the containment structure. In summary, the temporary structure will be approximately 30 feet wide at the base, and 10 feet wide at the top, extending across the drainage approximately 35 feet. In addition, Boeing will be installing an approximately 2-foot high sandbag or other similar barrier below the primary containment structure to contain deluge water that may penetrate through the primary containment structure or that may find its way past the primary containment structure via drips from valving or piping. It is not anticipated that significant deluge water will migrate past the primary containment structure, but the secondary structure will provide added control. Boeing will also be installing an on-grade steel culvert that will tie into the existing culvert above the work area. The existing corrugated steel culvert channels surface water originating in the upper portion of the watershed under a dirt roadway, into the drainage in the vicinity of the Alfa Test Stand deluge water spillway. The proposed culvert extension will enable natural surface water to flow from the upper portion of the watershed, bypass the containment structure (and not be contained), and flow back into the drainage just beneath the containment structure.

This culvert will minimize the quantity of natural surface water that is contained by the structure, and will enable the drainage, except for the containment area, to be unaffected by the containment structure. During rocket test operations, as quench water is contained behind the structure, a pump(s) will transfer the water, nearly as fast as it accumulates, into storage tanks located nearby and outside of the drainage. The removed quench water will be managed appropriately in accordance with applicable regulations.

Staff Dana Cole

File No 06-069

Project Proponent: Ventura County Watershed Protection District

Agent: Theresa Stevens

Project Name: Arroyo Las Posas Seminary Road Bridge Removal Receiving Water: Arroyo Las Posas tributary to Calleguas Creek

City/County: Camarillo/ Ventura

Project Status:

Public Notice: 4/5/06 to present

Project Description: Purpose:

The purpose of the proposed project is flood control and erosion protection. The project will remove approximately 1,445 acres of the City of Camarillo from the 100-year floodplain by removing existing constrictions from the Arroyo Las Posas and prevent potential erosion on the outer curve of the Arroyo Las Posas.

The project would also restore streambed habitat, and native riparian habitat on the banks of the Arroyo Las Posas in the project area. Invasive exotic vegetation would also be removed during construction and for the duration of the mitigation-monitoring period.

## Description:

The project involves several components. There are (from upstream to downstream):

- Removal of an existing concrete grade stabilizer located upstream of the abandoned Seminary Road bridge:
- removal of the abandoned Seminary Road bridge and grading of the upland approaches to restore these lands to creek habitat;
- removal of a steel sheet pile stabilizer located downstream of the Seminary Road bridge;
- Installation of a box culvert or rail car bridge over Groves Place drain;
- Installation of approximately 2200 cubic yards of concrete rock riprap and 7000 cubic yards of ungrouted rock riprap to stabilize the north bank of the Arroyo Las Posas and the Groves Place drain; -Excavation of a low-flow channel in the project reaches. The material combined with earthen material that will be excavated from the Seminary Road bridge approaches will generate approximately 42,000 cubic yards of fill. The fill material will be used on the north/west bank slope and the adjacent farm land; -Restoration elements include: removal of giant cane (Arundo donax) from the creek invert and adjacent floodplain terraces in the project reach; removal of eucalyptus of willow scrub habitat; revegation of two areas on the outer curve (adjacent to the District's access road) and one area on the inner curve to riparian willow woodland; conversion of 1.4 acres of upland to streambed habitat.

Staff Valerie Carrillo

File No 06-071

Project Proponent: City of Long Beach Department of Public Works

Agent: Rafael Holcombe, Tetra Technology Incorporation

Project Name: Aqualink Landing at Alamitos Bay

Receiving Water:

Staff

City/County: Long Beach/ Los Angeles

Project Status: pending review
Public Notice: 4/10/06 to present

Project Description: Purpose:

The purpose of the project is to provide a suitable landing for the Aqualink Vessel and the AquaBus, which would increase the flow of people between Alamitos Bay, Belmont Shore and the Downtown area.

Description:

The project entails removing a portion of the existing north dock and placing a new timber floating dock in its place. ADA access to the new dock will be provided. The new access will consist of a new gangway that will span from the existing revetment to the new floating dock.

Dana Cole

File No 06-073

Project Proponent: Ion Communities LLC

Agent: Sharon H. Lockhart, Lockhart & Associates Incorporation

Project Name: Casataic 94 Residential Development under General Permit No. 45

Receiving Water: Five unnamed newly constructed debris basins

City/County: Castaic/ Los Angeles
Project Status: pending review
Public Notice: 4/10/06 to present

Project Description: Purpose:

The purpose of the proposed project is to maintain debris basin constructed pursuant to ACOE Permit/Section 401 Certification (04-009)

As part of the project to construct a new residential development, five debris basins are being constructed. The Applicant request permission to remove sediment under the following two situations:

- (1) When the quantity of sediment in a sediment entrapment basin has reached 25% capacity or more, as identified in the permit applicant.
- (2) When a sediment entrapment has reach 5% or more of the basin's capacity and more than 20% of the watershed of the sediment entrapment basin has burned within the previous 5 years.

Maintenance of the facilities usually involves excavation, fill, and land clearing activity. Occasionally, such removal may involve non-mechanical means such as hand clearing. However, in almost all cases, the work is performed within existing and defined right-of-way easements. The sediment/debris removal operation at any one basin may occur infrequently (once every few years), several times during a storm season, or several times during and following a single storm event, depending upon the size of the sediment control facility, amount or intensity of the rains, and amount of sediment/debris produced by the watershed.

The Applicant requests the ability to maintain (including reconstruction) existing access roads/trails to the sediment basins covered provided that the footprint does not change and the width and length of the road and is the minimum necessary to access the sediment removal. Reconstruction and maintenance of fences and other appurtenances, if needed, also is requested.

The Applicant requests the ability to remove vegetation on the upstream and downstream jurisdictional faces of the sediment retention dam and abutments as necessary to comply with dam safety requirements of the California Department of Water Resources, Diversion of Safety of Dams or to ensure the integrity of the embankment.

Staff Dana Cole

Project Proponent: Calrans, District 7
Agent: Jennifer Leung

Project Name: State Route 1 Postmile 41.9 Repair Shoreline Embankment

Receiving Water: Santa Monica Bay (Pacific Ocean)

City/County: Malibu/ Los Angeles

Project Status:

Public Notice: 4/10/06 to present

Project Description: Purpose:

The goal of this project is to repair the roadway and supporting embankment damaged from heavy storm

flows in 2005.

Description:

The project is located along southbound State Route 1 (Pacific Coast Highway) near Postmile 41.9 in the City of Malibu, Los Angeles County. The project proposes to repair in-kind shoreline protection and eroded roadway damaged from heavy storms in 2005. The erosional cavity is approximately 6 meters (20 feet) in length. 6-tonne rock slope protection (RSP) and RSP fabric will be used to repair the embankment. The approximate work area is 6 meters (20 feet) in length to 4 meters (13 feet) deep. The permanent impact area is 230 square feet (0.006 acre). The embankment will be rebuilt from the toe of the slope to the top of the slope. The roadway will shoulder will be rebuilt and asphalt will be used to repair the shoulder surface. A large turnout, located immediately south of the repair site, will be used for

construction staging and storage.

Staff Dana Cole

**File No** 06-076

Project Proponent: City of Santa Paula
Agent: Gilberto Ruiz

Project Name: Santa Paula Water Recycling Facility

Receiving Water: Santa Clara River
City/County: Santa Paula/ Ventura
Project Status: pending review
Public Notice: 4/12/06 to present

Project Description: Purpose:

The purpose of the proposed is to construct a water recycling facility capable of (1) meeting established Region Water Quality Control Board -Los Angeles wastewater treatment standards; (2) meeting the wastewater demands of the City's forecasted 2020 population; and (3) producing unrestricted water re-use for agricultural and municipal needs in accordance with California Code of Regulations Title 22. For the purposes of analysis, it is assumed that the existing Santa Paula Water Treatment Plant would be abandoned and demolished at a future date and replaced by an approval land use.

# Description:

Three potential treatment technologies is proposed for the project (Four-Stage Activated Sludge, Oxidation Ditch and Membrane Bio Reactor). In addition, depending on the technology utilized, flaring (burning) of methane gas generated from plant operations may be required. A diesel powered emergency generator may also be located on-site, within an enclosed structure. A one-story, 15,000 square foot maintenance and operations building would be constructed as part of the Applicant's facilities. The building would include plant control and monitoring facilities, office and records storage space, a laboratory, chemical storage, oil and lubricating supplies, lockers and bathrooms and showers, Depending on the ultimate treatment technology selected and plan layout, the facilities may be located in one building or a number of smaller buildings. A total of 20 on-site parking spaces would be provided to serve staff and visitors. The entire plant site (including the maintenance and operations building) would be fenced and landscaped.

To protect the site from a 100-year flood event, an earthen dike would be constructed along the eastern boundary of the project. The earthen dike would be five feet in height, 20 feet wide and extend

approximately 4,050 feet.

Staff Dana Cole

Project Proponent: William Fox Homes

Agent: Scott Cameron, Ecological Sciences Incorporation

Project Name: San Dimas Grove Station

Receiving Water: Walnut Creek, San Gabriel River, Long Beach Harbor

City/County: San Dimas/ Los Angeles

Project Status: pending review
Public Notice: 4/13/06 to present

Project Description: Purpose:

The proposed project will develop a residential and commercial uses will associated infrastructure on 10

lots.

Description:

The project will be located on 5.15 acres near the center of town and will serve as an extension of the downtown area. Currently, the site is 80% vacant and the other 20% are comprised of one ace of a blighted manufacturing facility that has been out of operation for more than five years. The project will provide 110 residential units and roughly 15,000 square feet of retail and office space.

The outlet of a storm drain is at the northern edge of the site. There is an approximate .38 acre area where water currently pools before being picked up by another storm drain heading southwest. The city proposed plans to connect the two drains in the mid 1980s, but never completed the work. The project calls for the completion and re-alignment of the 72" storm drain. Completing the section will result in the elimination of the area where the water currently pools.

Grading is expected to commence in the 3rd quarter of this year. The Applicant is expected 3 to 4 months of grading and utility installation. The first phase, consisting of the commercial building and 38 residential units, should be complete by 3rd quarter of 2007. The second phase, and 38 residential units, should be complete by 3rd quarter of 2007.

should be complete by a year later.

Staff Dana Cole

**File No** 06-077

Project Proponent: City of Glendale

Agent:

Staff

Project Name: Brand Park Landfill Storm Drain Project
Receiving Water: Los Angeles River Verdugo Wash Confluence

City/County: Glendale/ Los Angeles

Project Status: pending review
Public Notice: 4/17/06 to present

Project Description: Purpose:

The purpose of the proposed project is to construct a new storm drain around a landfill waste prism to replace failed existing concrete drain that is located under the landfill.

Description:

A new concrete pipe will be constructed to convey the flow around the landfill. Round concrete pipe that is approximately 1060 feet long will pick up the flow at the small barranca behind the landfill (located in the permitted area of the landfill) will follow the access road (20 feet deep) and discharge at the existing failed outlet pipe below the landfill.

There will be an impact on the streambed located in the permitted section of the landfill (100 feet).

Valerie Carrillo

File No 06-078

Project Proponent: State of California Department of Parks and Recreation

Agent: Nathaniel Cox

Project Name: Malibu Creek Failed Texas Crossing Removal
Receiving Water: Malibu Creek, Malibu Lagoon, Santa Monica Bay

City/County: Malib/ Los Angeles

Project Status:

Public Notice: 4/18/06 to present

> The goal of this project is to remove a failed Texas crossing in Malibu Creek, which is currently unusable for vehicular traffic. It is also contributing to downstream scour and increasing stream sediment load as well as acting as a fish migration barrier.

Description:

Dewatering work area via installation of a stream diversion to route stream flow around the project work area. Demolishing and removing the crossing from the stream channel using excavator fitted with hoe-ram attachment and front loader. Minimal reshaping of stream banks and channel to restore natural contours after failed structure is removed. Stabilization of stream bank in areas of disturbance via installation of suitable native riparian vegetation.

Staff Dana Cole

File No 06-079

**Project Proponent:** Long Beach Water Department

Agent: Tom Barnes

**Project Name:** Hydrogeologic Investigations and Surveying for Under Ocean Floor Seawater Intake and Discharge Depa

**Receiving Water:** Long Beach Harbor, Pacific Ocean

City/County: Long Beach/Los Angeles

**Project Status:** 

**Public Notice:** 4/20/06 to present

**Project Description:** Purpose

The goal of this project is to conduct prreliminary hydrogeologic studies to assess the feasibility of an innovative Under Ocean Floor Seawater Intake and Discharge Demonstration Project for a seawater desalination plant. This project has received State and Federal funds to research an innovative submerged intake technology that minimizes environmental impacts such as impingement and entrainment of marine organisms. The hydrogeologic survey work described above would determine soils/geotechnical conditions and establish the depth length, and construction feasibility fo the intake/discharge system.

The Long Beach Water Department is planning to conduct hydrogeologic investigations that include common subsurface exploration activities, including soils, bathymetry, geotechnical borings, and topographic surveyinig work.

The soils and bathymetry tests would provide an ocean floor profile from the beach to the ocean, extending up to 500 feet into open water. The onshore exploration work would include five hollow stem flight auger borings drilled to depths of approximately 30 feet. These borings would be used to confirm the results of previous Cone Penetrometer Test (CPT) work. The borings would be carried out with a small truck mounted rig, and thus there would be now permanent installations and no discharge of any kind. The onshore borings would take approximately two days to complete. The nearshore exploration work would include a total of eight geotechnical borings/CPTs to investigate the nature of trhe seafloor sub-bottom soil strata. Each boring would be drilled and sampled through the subsurface sediments to a depth of about 50 feet below the mudline. These borings would be conducted from a barge and take approximately seven to 10 days to complete. This exploration work would not involve the installation of permanent or temporary equipment/devices. In addition, the over-water exploration work would not involve the use of any drilling fluids, muds, or discharges of any kind. The work primarily consists of gathering beach sand/geological samples. Onshore and nearshore topographic surveys would be performed to obtain topographic data along four profiles normal to the beach parking lot and Junipero Beach. The profiles would be spaced about 400 feet apart. The work associated with the development of the profiles is non-invasive, consisting of typical surveying techniques. The onshore, surf zone, and nearshore topographic survey would be performed by a surveying crew and divers for each profile line utilizing a combination of Real-Time Kinematic (RTK) and conventional land surveying techniques to achieve centimeter level psoitioning accuracy both horizontally and vertically. The topographic profile surveys would last approximately two days and would have no borings or discharges of any kind. The data generated form beach profiles would be synthesized to form a site map of onshore topography and offshore bathymetry.

Dana Cole Staff